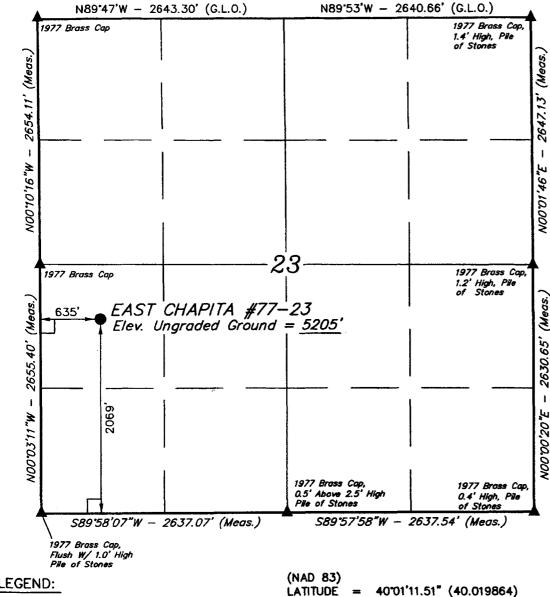
Form 3160-3 FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007 (February 2005) UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR U-67868 BUREAU OF LAND MANAGEMENT If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No. DRILL REENTER la. Type of work: 8. Lease Name and Well No. Oil Well | Gas Well Single Zone ✓ Multiple Zone lb. Type of Well Eat Chapita 77-23 Name of Operator 9. API Well I EOG Resources, Inc. 3a. Address 1060 East Highway 40 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory Vernal, UT 84078 435-781-9111 Natural Buttes/Mesaverde/Wasatch Location of Well (Report clocation clearly und in accordance with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area At surface 1045620 7 2069 FSL & 635 FWL (NWSW), 40.019864 LAT 109.301314 LON Section 23, T9S, R23E S.L.B.&M 40-019926 At proposed prod. zone Same 4431142 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* 59.1 Miles South of Vernal, Utah Uintah UT Distance from proposed* 17. Spacing Unit dedicated to this well 16. No. of acres in lease 635 location to neares property or lease line, ft. (Also to nearest drig, unit line, if any) 1079 Suspended 20. BLM/BIA Bond No. on file Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 5230 NM 2308 8760 Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 5205 GL 45 Days 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification SUPO must be filed with the appropriate Forest Service Office) Such other site specific information and/or plans as may be required by the BLM. Name (Printed Typed) Kaylene R. Gardner 08/09/2007 Sr. Regulatory Assistant Name (Printed Typed) Date Approved by (Signature) Office Title Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

*(Instructions on page 2)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED AUG 1 5 2007

T9S. R23E, S.L.B.&M.



LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LONGITUDE = $109^{\circ}8'04.73''$ (109.301314)

(NAD 27)

LATITUDE = $40^{\circ}01'11.63''$ (40.019897) LONGITUDE = 109"8'02.29" (109.300636)

EOG RESOURCES, INC.

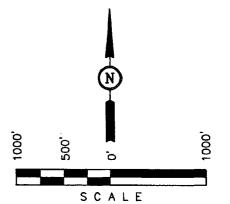
Well location, EAST CHAPITA #77-23, located as shown in the NW 1/4 SW 1/4 of Section 23, T9S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M., TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PO FIELD NOTES OF ACTUAL SURVEYS SUPERVISION AND THAT THE SAMES BEST OF MY KNOWLEDGE AND BE

LANDUNDERVEYING UINTAH ENGINEERING & 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-01-07						
PARTY A.F. R.M. P.M.	REFERENCES G.L.O. PLA	REFERENCES G.L.O. PLAT					
WEATHER WARM	FILE EOG RESOU	RCES, INC.					

) ss

COUNTY OF UINTAH)

VERIFICATION

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

EAST CHAPITA 77-23 2069' FSL – 635' FWL (NWSW) SECTION 23, T9S, R23E UINTAH COUNTY, UTAH

EOG Resources, Inc., Kerr-McGee Oil & Gas, Exhibit A, are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 10th day of August, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Kerr-McGee Oil & Gas Onshore LP.

Further affiant saith not.

Sr. Regulatory Assistant

Subscribed and sworn before me this 10th day of August, 2007.

Notary Pub

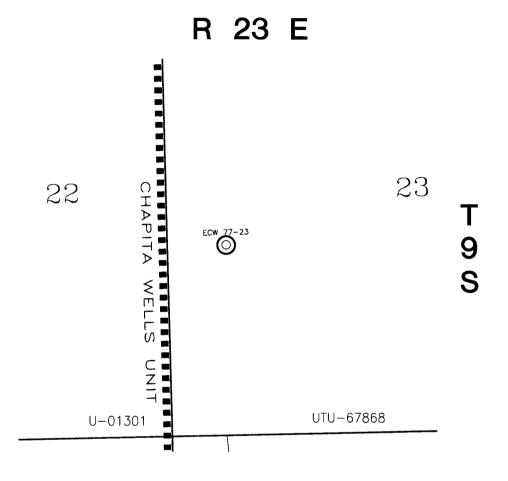
My Commission Expires: August 1, 2009

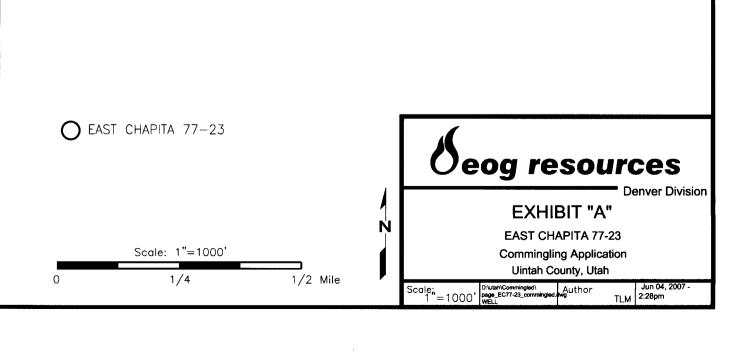
10/12/09

Exhibit "A" to Affidavit East Chapita 77-23 Application to Commingle

Kerr-McGee Oil & Gas Onshore LP 1999 Broadway, Suite 3700 Denver, CO 80202

Attn: Mr. W. Chris Latimer





EAST CHAPITA 77-23 NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,600		Shale	
Wasatch	4,487	Primary	Sandstone	Gas
Chapita Wells	5,042	Primary	Sandstone	Gas
Buck Canyon	5,733	Primary	Sandstone	Gas
North Horn	6,333	Primary	Sandstone	Gas
KMV Price River	6,524	Primary	Sandstone	Gas
KMV Price River Middle	7,411	Primary	Sandstone	Gas
KMV Price River Lower	8,149	Primary	Sandstone	Gas
Sego	8,562		Sandstone	
TD	8,760			

Estimated TD: 8,760' or 200'± below Sego top

Anticipated BHP: 4,783 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	Size	WEIGHT	<u>Grade</u>	<u>Thread</u>	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,300° KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of $200^{\circ}\pm$ below the base of the Green River lost circulation zone and cased w/9-\%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EAST CHAPITA 77-23 NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EAST CHAPITA 77-23 NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 123 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 845 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, $1.28 \text{ ft}^3/\text{sk.}$, 5.9 gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EAST CHAPITA 77-23 NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

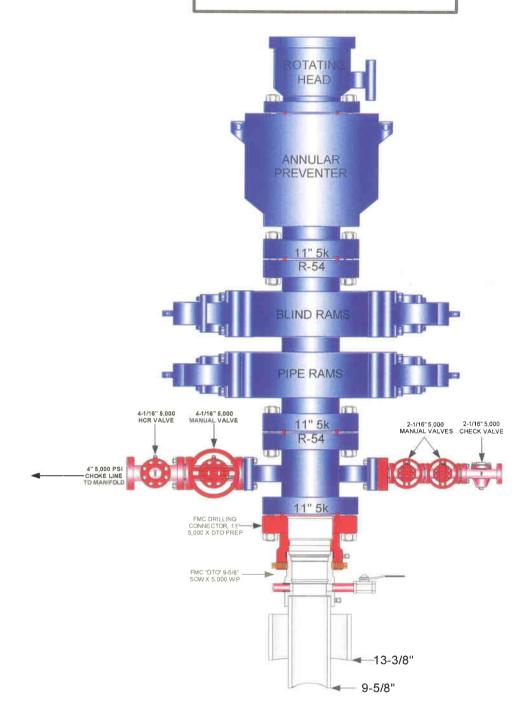
11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

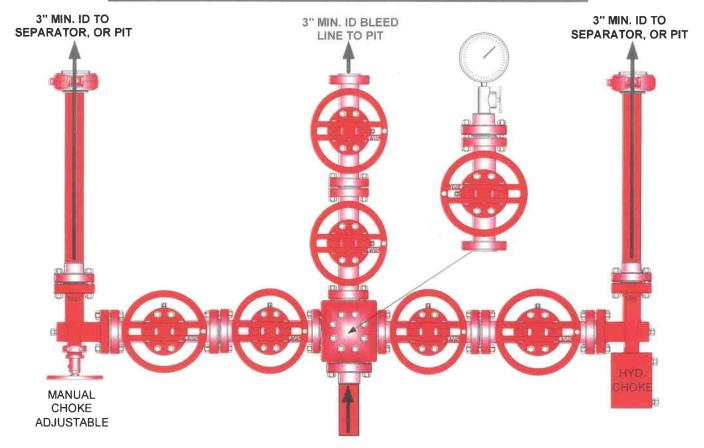
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



PAGE 2 0F 2

EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



East Chapita 77-23 NWSW, Section 23, T9S, R23E Uintah County, Utah

SURFACE USE PLAN

EOG Resources, Inc., hereby applies under Section 28 of the Act of February 25, 1920 (41 state. 449), (30 U.S.C. Section 185) as amended by the Act of November 16, 1973, (87 Stat. 576) and requests that this APD serve as the construction, operations and maintenance plan for the right-of-way application for the pipeline on federal lands. A 30-year right-of-way term is requested.

The requested permanent pipeline right-of-way on Federal acreage necessary is approximately 4109' x 20'. The requested temporary pipeline right-of-way on Federal acreage necessary is approximately 4109' x 40' for a period of 14 days. The requested with 2050' located within Federal Lease # UTU-67868, 1534' located within Federal Lease # UTU-01301, and 525' located with Federal Lease # U-0344-A containing 1.89 acres more or less (see attached survey plats and maps).

The request road right-of-way on Federal acreage necessary is approximately 3168' x 30', with 1263' located within Federal Lease # UTU-67868, 1430' located within Federal Lease # UTU-01301, and 475' located with Federal Lease # U-0344-A containing 2.91 acres more or less (see attached survey plats and maps).

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 3168 feet long with a 40-foot right-of-way, disturbing approximately 2.91 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 5.16 acres. The pipeline is approximately 4109 feet long with a 40-foot right-of-way, disturbing approximately 1.89 acres.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 59.1 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 3168' in length, culverts shall be installed as needed. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines

contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 4109' x 40'. The proposed pipeline leaves the northern edge of the well pad (Lease U-67868) proceeding in a southerly direction for an approximate distance of 2050' to Section 22, T9S, R23E, proceeding southerly for an approximate distance of 1534' to Section 27, T9S, R23E (Lease U-01301), tieing into an existing pipeline in the NENE of Section 23, T9S, R23E (Lease U-0344-A). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. A 20-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
- 7. The proposed pipeline route begins in the NWSW of Section 23, Township 9S, Range 23E, proceeding easterly for an approximate distance of 4109' to the NENE of Section 23, Township 9S, Range 23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or by

removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16-millimeter plastic liner. **Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil)** will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil south of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)			
HyCrest Wheatgrass	9.0			
Prostrate Kochia	3.0			

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Wyoming Big Sage	3.0
Indian Ricegrass	3.0
Needle and Threadgrass	3.0
HyCrest Wheatgrass	1.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places:
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants (MOAC 06-612) on January 29, 2007. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the East Chapita Wells Unit 77-23 Well, located in the NWSW, of Section 23, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

August 9, 2007

Date

ylene R. Gardner, Sr. Regulatory Assistant

EOG RESOURCES, INC. EAST CHAPITA #77-23 LOCATED IN UINTAH COUNTY, UTAH

SECTION 23, T9S, R23E, S.L.B.&M.

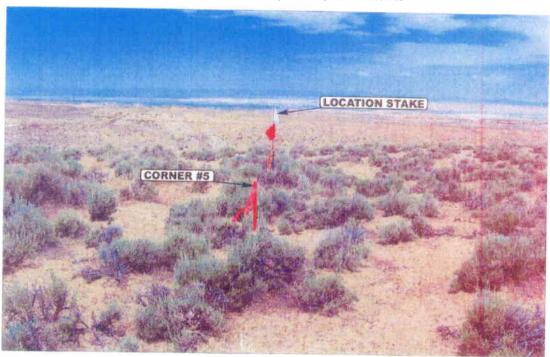


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

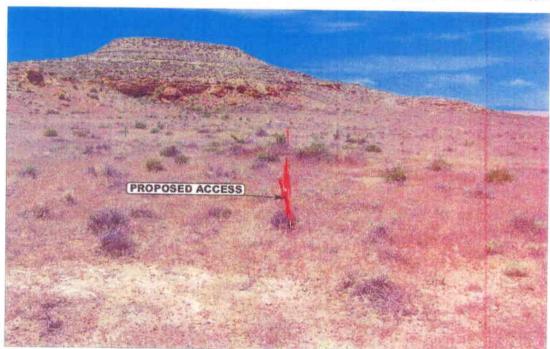


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 vels@uelsinc.com

LOCATION PHOTOS

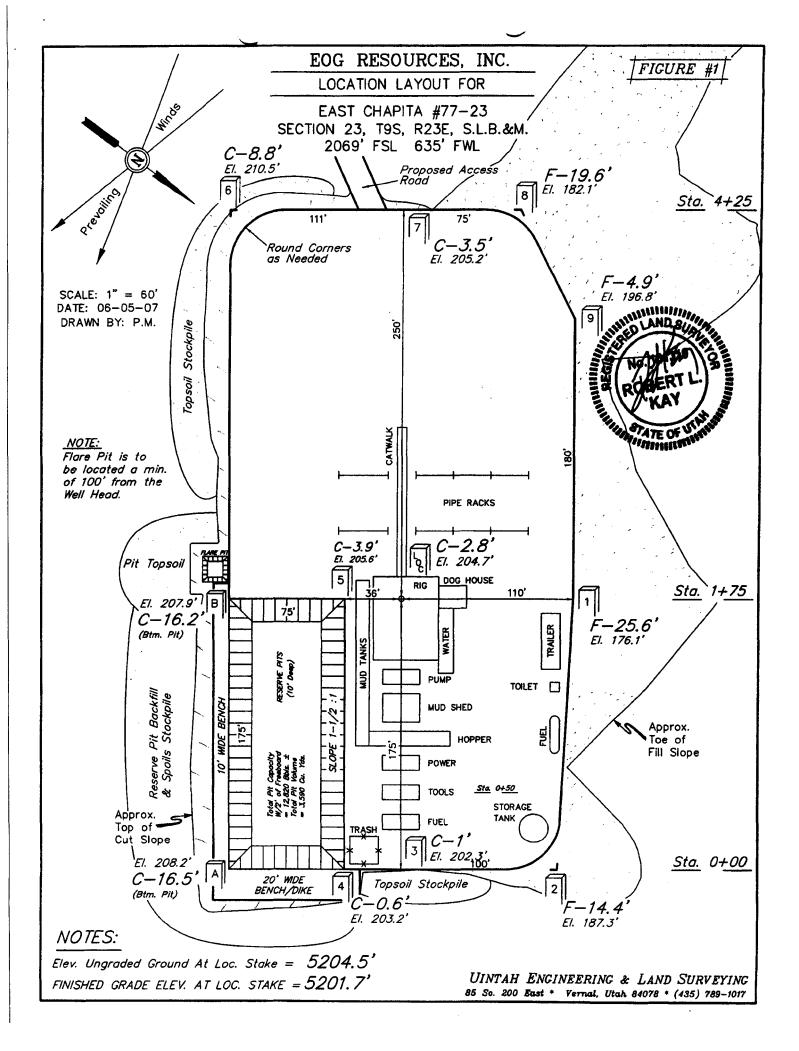
MONTH DAY

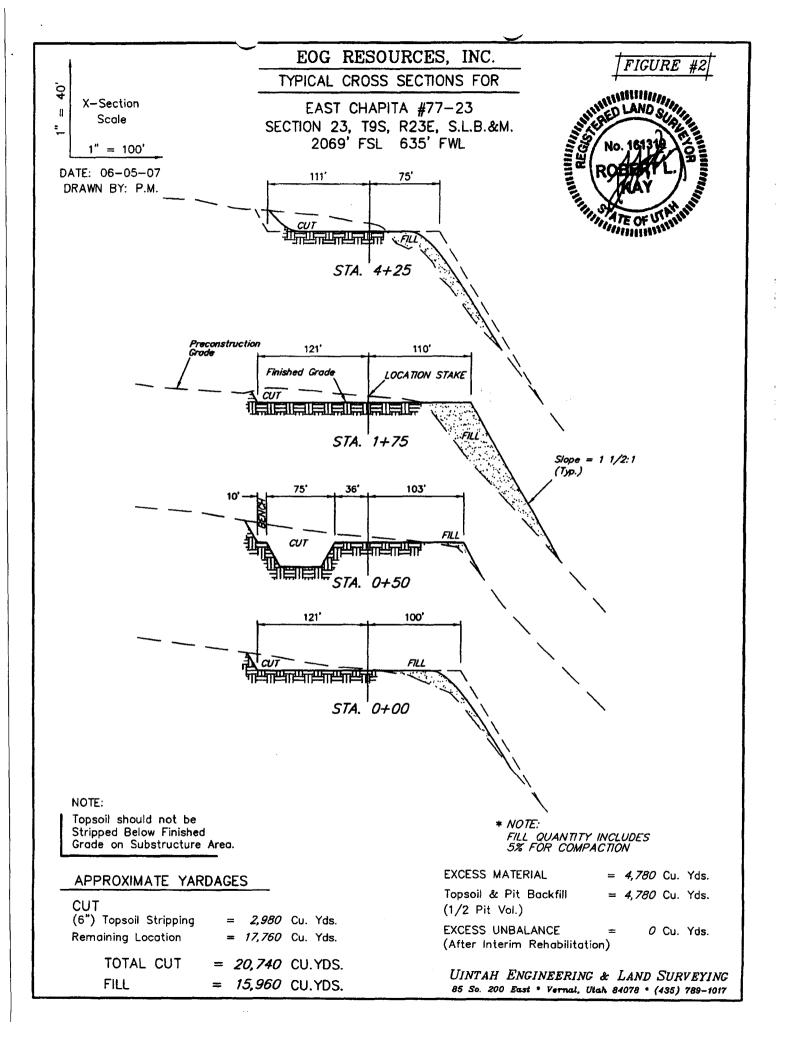
TAKEN BY: A.F. DRAWN BY: C.P.

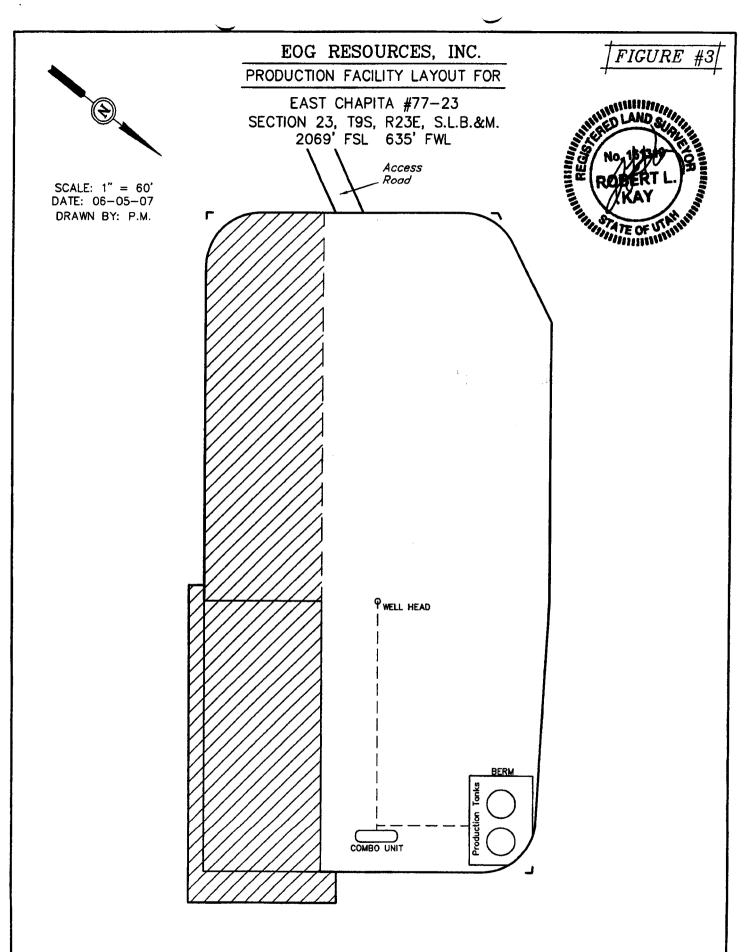
EOG RESOURCES, INC. EAST CHAPITA #77-23 SECTION 23, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88: EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATLEY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTELRY DIRECTION APPROXIMATELY 8.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATLEY 2.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1093-27 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE PROPOSED LOCATION.

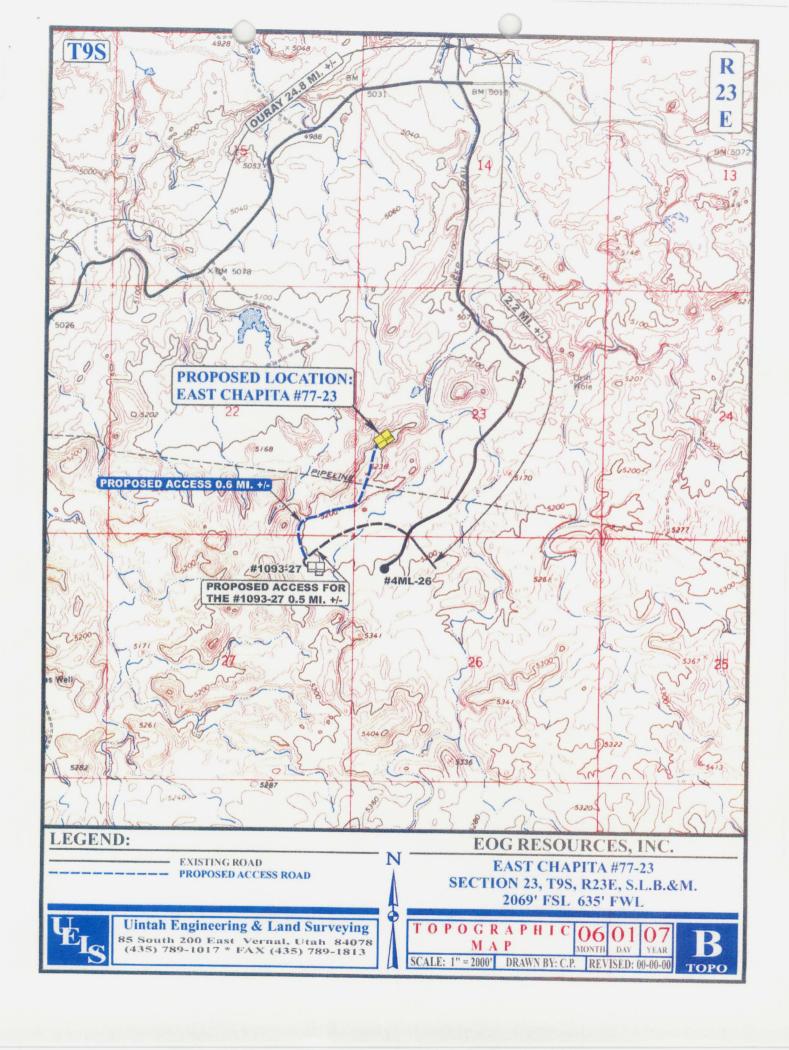
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 59.1 MILES.

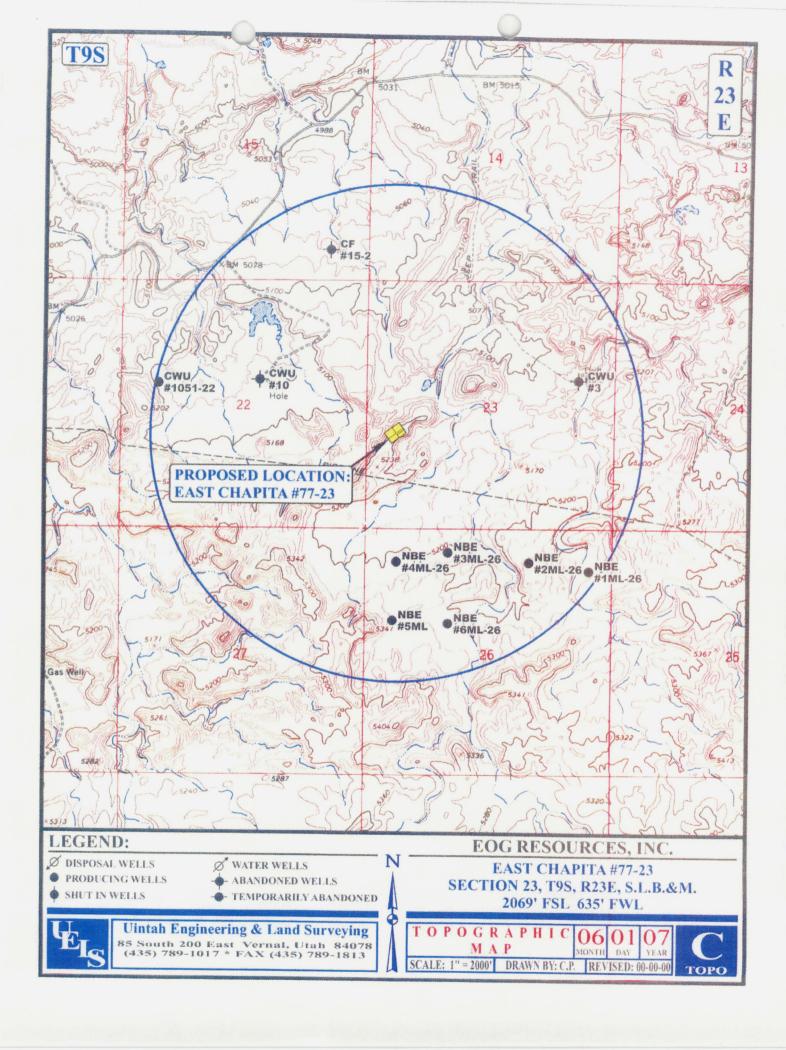


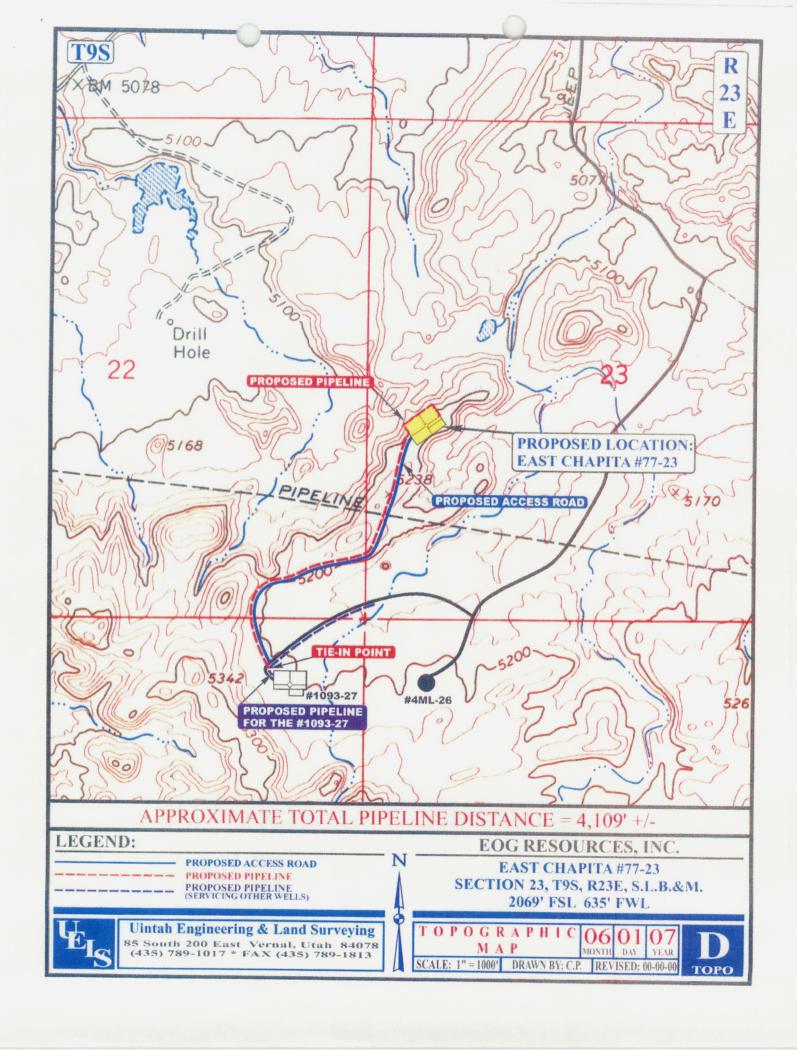






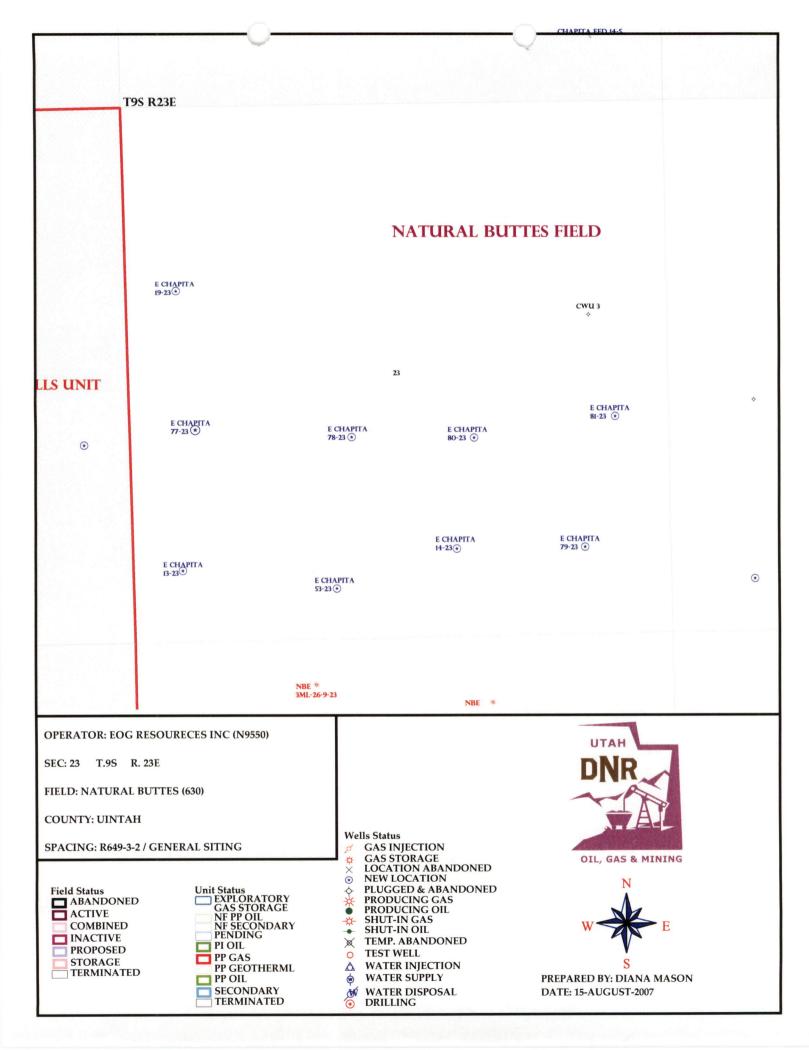






WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/15/2007	API NO. ASSI	API NO. ASSIGNED: 43-047-39516			
WELL NAME: E CHAPITA 77-23					
OPERATOR: EOG RESOURCES INC (N9550)	PHONE NUMBER:	435-781-911	11		
CONTACT: KAYLENE GARDNER					
PROPOSED LOCATION:	INSPECT LOCATI	N BY: /	/		
NWSW 23 090S 230E SURFACE: 2069 FSL 0635 FWL	Tech Review	Initials	Date		
BOTTOM: 2069 FSL 0635 FWL	Engineering	DKD	11/14/07		
COUNTY: UINTAH	Geology				
LATITUDE: 40.01993 LONGITUDE: -109.3007 UTM SURF EASTINGS: 645020 NORTHINGS: 44311	Surface				
FIELD NAME: NATURAL BUTTES (630	42		<u> </u>		
LEASE TYPE: 1 - Federal LEASE NUMBER: U-67868 SURFACE OWNER: 1 - Federal RECEIVED AND/OR REVIEWED:	PROPOSED FORMA COALBED METHAN LOCATION AND SITING:		MVD		
Plat	R649-2-3.				
Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM 2308)	Unit:				
Potash (Y/N)	✓ R649-3-2. Gene	ral			
Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From C	tr/Qtr & 920'	Between Wells		
Water Permit	R649-3-3. Exce	otion			
(No. <u>49-225</u>)	Drilling Unit				
NDCC Review (Y/N) (Date:	Board Cause No	•			
WA Fee Surf Agreement (Y/N)	Eff Date: Siting:				
Intent to Commingle (Y/N)					
(wasatah / Mesaverde)	R649-3-11. Dire	ectional Dri	.11		
COMMENTS:					
stipulations: 1- Technol (1)	prove (M-ca			
3-Commin	5(1				
Dil Shal	e				
v v					





EOG Resources, Inc.

August 14, 2007

Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: East Chapita 77-23 Section 23, T9S, R23E Federal Lease: U-67868

To Whom It May Concern:

Enclosed please find a revised APD cover page, correcting the well name from: Eat Chapita 77-23 to: East Chapita 77-23. Please contact me at (435) 781-9111 if you have any additional questions.

Sincerely,

Kaylen R. Gardner Sr. Regulatory Assistant

cc:

File

Form 3160 -3 (February 2005)			OMB N	APPROVE lo. 1004-013 March 31, 2	7		
UNITED STATES DEPARTMENT OF THE I BUREAU OF LAND MAN.			5. Lease Serial No. U-67868				
APPLICATION FOR PERMIT TO	6. If Indian, Allotee or Tribe Name						
la. Type of work:	R		7 If Unit or CA Agr	eement, Na	ame and No.		
lb. Type of Well: ☐Oil Well ☐Gas Well ☐Other	Single Zone Multi	ple Zone	8. Lease Name and East Chapita				
2. Name of Operator EOG Resources, Inc.			9. API Well No.				
3a. Address 1060 East Highway 40 Vernal, UT 84078	3b. Phone No. (include area code) 435-781-9111		10. Field and Pool, or Natural Butte	-	•		
4. Location of Well (Report location clearly and in accordance with any	• •		11. Sec., T. R. M. or E	31k. and Su	rvey or Area		
At surface 2069 FSL & 635 FWL (NWSW), 40. At proposed prod. zone Same	.019864 LAT 109.301314 LON		Section 23, TS	9S, R23E	S.L.B.&M		
14. Distance in miles and direction from nearest town or post office* 59.1 Miles South of Vernal, Utah		12. County or Parish Uintah		13. State UT			
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of acres in lease		g Unit dedicated to this	well			
(Also to nearest drig. unit line, if any) 571	(Also to nearest drig. unit line, if any) 571 1079 Susp				pended /BIA Bond No. on file		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 5230	19. Proposed Depth 8760		M 2308				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5205 GL	22. Approximate date work will sta	art*	23. Estimated duration 45 Days				
	24. Attachments	.,			-		
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, must be a	ittached to th	is form:				
Well plat certified by a registered surveyor. A Drilling Plan.	4. Bond to cover to ltem 20 above).	the operatio	ns unless covered by ar	ı existing l	bond on file (see		
3. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).	Lands, the 5. Operator certific		ormation and/or plans a	s may be r	equired by the		
25. Signature	Name (Printed Typed)	1					
Title Sr. Regulatory Assistant	Kaylene R. Gardne	er ————————————————————————————————————		08/0	09/2007		
Approved by Aignature	Name (Printed Typed) BRADLEY	G. HIL	L	Date	-15-07		
Title	Offi ENVIRONMENTAL	L MANAG	iER				
Application approval does not warrant or certify that the applicant holds conduct operations thereon. Conditions of approval, if any, are attached.	s legal or equitable title to those righ	hts in the sub	ject lease which would	entitle the	applicant to		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cr States any false, fictitious or fraudulent statements or representations as t	ime for any person knowingly and o any matter within its jurisdiction.	willfully to n	nake to any department	or agency	of the United		

*(Instructions on page 2)

Rederal Approval of this Action is Necessary

RECEIVED AUG 1 6 2007 Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FOR	M AF	PRO	VEI
OME	NO.	1004	013
Expir	es: Ju	lv 31.	201

D1	UREAU OF LAND MANAGI	CMENT			DAPH CS.	July 31, 20	710
SUNDRY NOTICES AND REPORTS ON WELLS				5. Lease Serial No. UTU67868			
Do not use the abandoned we	6. If Indian, Allottee o	r Tribe Na	me				
SUBMIT IN TRI	PLICATE - Other instruction	ons on rev	erse side.		7. If Unit or CA/Agree	ement, Nar	ne and/or No.
1. Type of Well					8. Well Name and No. EAST CHAPITA 7	7-23	
Oil Well Gas Well Oth Name of Operator	9. API Well No.						
2. Name of Operator Contact: MARY A. MAESTAS EOG RESOURCES, INC. E-Mail: mary_maestas@eogresources.com					<i>y, 1</i> 11 <i>y y y y y y y y y y</i>		
3a. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202 3b. Phone No. (include area code) Ph: 303-824-5526					10. Field and Pool, or NATURAL BUT	Explorator TES/WA	SATCH/MV
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish, and State		
Sec 23 T9S R23E NWSW 206 40.01986 N Lat, 109.30131 W					UINTAH COUN	TY, UT	
12. CHECK APPI	ROPRIATE BOX(ES) TO I	NDICATE	NATURE OF I	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE O	F ACTION			
T Nation of Intent	☐ Acidize	□ Dee	pen	☐ Product	ion (Start/Resume)	☐ Wat	ter Shut-Off
Notice of Intent	☐ Alter Casing	☐ Frac	ture Treat	☐ Reclam	ation	□ Wel	ll Integrity
☐ Subsequent Report	Casing Repair	□ New	Construction	□ Recomp	omplete		er
☐ Final Abandonment Notice	Change Plans		and Abandon		arily Abandon		
	☐ Convert to Injection	Plug		☐ Water D	<u> </u>		
13. Describe Proposed or Completed Op If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f EOG Resources, Inc. request Mesaverde formations in the I necessary, the allocation will l logs. Production from the Was produced through open-ender casing. Attached is a map showing th units and an affidavit showing oil and gas leases or drilling u	ally or recomplete horizontally, gir rk will be performed or provide the doperations. If the operation resul- bandonment Notices shall be filed final inspection.) s authorization for comming referenced wellbore. In the e- be based on proportionate re- satch and Mesaverde formated 2-3/8" tubing landed below the location of all wells on cor- that this application has be	ve subsurface e Bond No. or its in a multipl only after all gling of procesivent allocated net pay as of tions will be v all perfora	locations and meast in file with BLM/BI/e completion or recrequirements, included the completion of production of production alculated from continuous in the 4-1/2 and gas leases	ured and true ve A. Required sul ompletion in a r ding reclamation Wasatch and on is cased-hole the wellbore 2? productio or drilling	crical depths of all pertin sesequent reports shall be new interval, a Form 316 n, have been completed, d	ent marker filed within 0-4 shall b and the ope	rs and zones. in 30 days in filed once erator has
14. I hereby certify that the foregoing is Name(Printed/Typed) MARY A.	Electronic Submission #56	6714 verified SOURCES,	INC., sent to the	II Information Vernal			
Signature A hu (F) ctronic	744 \		Date 10/10/2	2007			
	THIS SPACE FOR	R FEDERA	L OR STATE	OFFICE U	SE		
Approved By Radial			Title BRAD	LEY G.	HILL	D	oate 1-15-0
Conditions of approval, if any are attached certify that the applicant holds legal or be which would entitle the applicant to condition.	unable title to those rights in the s	ot warrant or ubject lease	ENVIRON Office	MENTAL MA	NAGER		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF COLORADO)

) ss

COUNTY OF DENVER)

VERIFICATION

Mary A. Maestas, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant of EOG Resources, Inc., of Denver, Colorado. EOG Resources, Inc. is the operator of the following described well:

EAST CHAPITA 77-23 2069' FSL – 635' FWL (NWSW) SECTION 23, T9S, R23E UINTAH COUNTY, UTAH

EOG Resources, Inc., and Kerr-McGee Oil & Gas Onshore LP, Exhibit A, are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 10th day of October, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Kerr-McGee Oil & Gas Onshore LP.

Further affiant saith not.

Mary A. Maestas

Regulatory Assistant

Subscribed and sworn before me this 10th day of October, 2007.

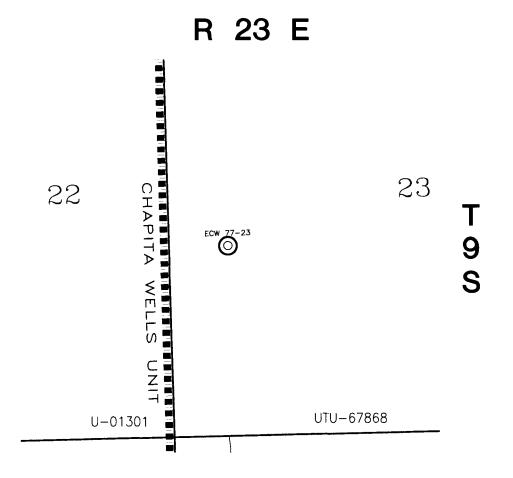
Notary

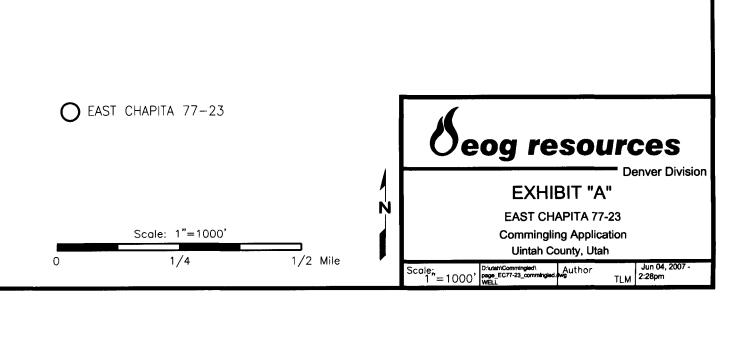
My Commission Expires:

June 25,2011

Exhibit "A" to Affidavit East Chapita 77-23 Application to Commingle

Kerr-McGee Oil & Gas Onshore LP 1999 Broadway, Suite 3700 Denver, CO 80202 Attn: Mr. W. Chris Latimer







State on Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA Division Director

November 15, 2007

EOG Resources, Inc. 600 17th St., Ste. 1000N Denver, CO 80202

Re:

East Chapita 77-23 Well, 2069' FSL, 635' FWL, NW SW, Sec. 23, T. 9 South, R. 23 East,

Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39516.

Sincerely,

Gil Hunt
Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	EOG Resources	, Inc.	
Well Name & Number	East Chapita 77	-23	
API Number:	43-047-39516		
Lease:	<u>UTU-67868</u>		
Location: <u>NW SW</u>	Sec. 23	T. 9 South	R. 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis. and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Page 2 43-047-39516 November 15, 2007

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division

STATE OF UTAH

1.

	DIVISION OF OIL, GAS				5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND RE	PORTS OF	N WELI	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill r	age, walls, significantly deeper evicting.	valla balavi avirant bat	بنيامات مامعا مسعد		7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill n drill horizontal la	aterals. Use APPLICATION FOR PERM	MIT TO DRILL form for	tom-noie depti such proposal	n, reenter plugged wells, or to s.	
1. TYPE OF WELL OIL WELL	GAS WELL 🔽	OTHER			8. WELL NAME and NUMBER: East Chapita 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.			· · · · · · · · · · · · · · · · · · ·	······································	9. API NUMBER:
3. ADDRESS OF OPERATOR:			·	PHONE NUMBER:	43-047-39516 10. FIELD AND POOL, OR WILDCAT:
1060 East Highway 40	Vernal	UT 25 8407	78	(435) 781-9145	Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2069!	FSI & 635' FWI 40 010	864 I AT 100	20121 <i>1</i> I	ON	ooury Histor
			0010141	LON	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NWSW 23	9S 23E	S.L.B. 8	& M.	STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO	INDICATE NA	ATURE (OF NOTICE PERO	
TYPE OF SUBMISSION	T	INDIOATE IV		PE OF ACTION	RT, OR OTHER DATA
✓ NOTICE OF INTENT	AĆIDIZE		DEEPEN	12 01 71011011	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING		FRACTURE 1	TRÉAT	SIDÉTRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR		NEW CONST	RUCTION	TEMPORARILY ABANDÓN
	CHANGE TO PREVIOUS PLAN	NS 🔲	OPERATOR (CHANGE	TUBING REPAIR
<u></u>	CHANGE TUBING		PLUG AND A	BANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME		PLUG BACK		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS		PRODUČTIĆ	N (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FO	ORMATIONS	RECLAMATIC	ON OF WELL SITE	OTHER: APD EXTENSION
man and a second and	CONVERT WELL TYPE		RECOMPLET	E - DIFFERENT FORMATION	REQUEST
12. DESCRIBE PROPOSED OR CO					
	Da By:	211	ision of	ŧ .	
Mickey	The also		i	0	t
NAME (PLEASE PRINT) Mickenzie	паскег		TITLE	Operations Clerk	
SIGNATURE WWW.	madler.		DATE	11/12/2008	
(This space for State use only)					DECENTED.
COPY SENT TO	OPERATOR				RECEIVED
•					NOV 17 2008
(5/2000) Date: ///8	1008	(See Instructions of	n Reverse Sid	e)	140 A . 1 COOO

Initials:

DIV. OF OIL, GAS & MINING



Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39516 Well Name: East Chapita 77-23 Location: 2069 FSL & 635 FWL (NWSW), SECTION 23, T9S, R23E S.L.B.&M Company Permit Issued to: EOG RESOURCES, INC. Date Original Permit Issued: 11/15/2007
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐
Michigan Tarillo 11/12/2008 Signature Date
Title: Operations Clerk
Representing: EOG Resources, Inc. RECEIVED

NOV 17 2008

DIV. OF OIL, GAS & MINING

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER:
	U-67868		
SUND	RY NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: E CHAPITA 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-9	PHONE NUMBER: 9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2069 FSL 0635 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 2:	IP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
11/4/2009	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	respectfully requests the AP extended for one year	D for the referenced well be	
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBE 435 781-9145	R TITLE Operations Clerk	
SIGNATURE N/A		DATE 11/4/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047395160000

API: 43047395160000 **Well Name:** E CHAPITA 77-23

Location: 2069 FSL 0635 FWL QTR NWSW SEC 23 TWNP 090S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 11/15/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

ire revision. Following is a checklist of some items related to the application, which should be verified.
 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? • Yes • No Utah Division of

Signature: Mickenzie Gates **Date:** 11/4/2009

Title: Operations Clerk Representing: EOG RESOURCES, INC.

Date: November 05, 2009

Oil, Gas and Mining

Bv:

Federal Approval of this Action is Necessary

API Well No: 43047395160000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	5	FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868					
SUNDI	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen e ugged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: E CHAPITA 77-23			
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000			
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-911	PHONE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2069 FSL 0635 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 23	IP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian: S	5	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE [ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start: 3/24/2010	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
3/24/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION			
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	L TUBING REPAIR	UVENT OR FLARE	☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. TD: From 8760' To 8840' Conductor size: Item 4 Float Equipment: Item 5 Logs: Item 8 Air Drilling Variance: Items 7 & 13 Please see the attached revised Drilling Plan reflecting the purposed changes. Oil, Gas and Mining						
		D. B	ate: March 25, 2010 y:			
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE				
Mickenzie Gates	435 781-9145	Operations Clerk				
SIGNATURE N/A		DATE 3/24/2010				

EAST CHAPITA 77-23 NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,600		Shale	
Wasatch	4,487	Primary	Sandstone	Gas
Chapita Wells	5,042	Primary	Sandstone	Gas
Buck Canyon	5,733	Primary	Sandstone	Gas
North Horn	6,333	Primary	Sandstone	Gas
KMV Price River	6,524	Primary	Sandstone	Gas
KMV Price River Middle	7,411	Primary	Sandstone	Gas
KMV Price River Lower	8,149	Primary	Sandstone	Gas
Sego	8,562		Sandstone	
TD	8,760			

Estimated TD: 8,840' or 200'± below Sego top

Anticipated BHP: 4,783 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased-hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open-ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig BOP schematic diagrams attached.

8 point plan-EOG 1 9/20/06



EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	40 - 60'	14"	32.5#	A252			1880 PSI	10,000#
		0-2,300							
Surface	12 1/4"	KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: 12- $\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every **3rd** joint to 400' above the top of primary object. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted.

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

CBL/CCL/VDL/GR

EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3

¹/₄ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 123 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 845 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.

Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300' \pm - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

Form 3160-3 (February 2005) RECEIVED VERNAL FIELD OFFICE AUG 1 3 2007

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED ST	TATE	S ;
DEPARTMENT OF	THE	INTERIOR
BUREAU OF LAND	MAN	VAGEMENT

			LINE WELL BELLINE IN LERIOR
PPLICATION	FOR PERMIT	TO	DRILLROP REENTER () MONT

Lease Serial No. U-67868

APPLICATION FOR PERMIT T	6. If Indian, Allotee or Trib	e Name		
la. Type of work:	VTER		7. If Unit or CA Agreement, 1	Name and No.
lb. Type of Well: Oil Well Gas Well Other	Single Zone Mult	iple Zone	8. Lease Name and Well No. East Chapita 77-23	
2. Name of Operator EOG Resources, Inc.			9. API Well No. 43.047-394	516
3a. Address 1060 East Highway 40 Vernal, UT 84078	3b. Phone No. (include area code) 435-781-9111		10. Field and Pool, or Explorat Natural Buttes/Mesa	3
4. Location of Well (Report location clearly and in accordance with At surface 2069 FSL & 635 FWL (NWSW), At proposed prod. zone Same		11. Sec., T. R. M. or Blk and S Section 23, T98, R231	, i	
 Distance in miles and direction from nearest town or post office* 59.1 Miles South of Vernal, Utah 			12. County or Parish Uintah	13. State UT
5. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 571	16. No. of acres in lease 1079	17. Spacin	g Unit dedicated to this well	<u> </u>
8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 5230	19. Proposed Depth 8760	20. BLM/I	BIA Bond No. on file 308	
I. Elevations (Show whether DF, KDB, RT, GL, etc.) 5205 GL	22. Approximate date work will sta	irt*	23. Estimated duration 45 Days	· .
	24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- Such other site specific information and/or plans as may be required by the

25. Signature	Name (Printed Typed)	Date
Any un Ri Quily	Kaylene R. Gardner	08/09/2007
Title Sr. Regulatory Assistant		:
Approved by (Signature) My Ham	Name (Printed Typed) Jaugs H. State SR	Date FEB 0 2 2010
Title ACTINGSSISTANT Field Manager	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

RECEIVED

APR 0 1 2010

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

UDO6M NOS 7/9/07 ATDP2366A



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

VERNAL, UT 84078

(435) 781-440(



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	EOG Resources	Location:	NWSW, Sec.23, T9S R23E
Well No:	East Chapita 77-23	Lease No:	UTU-67868
API No:	43-047-39516	Agreement:	N/A

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.			
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.			
Spud Notice (Notify Petroleum Engineer)		Twenty-Four (24) hours prior to spudding the well.			
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.			
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)		Twenty-Four (24) hours prior to initiating pressure tests.			
First Production Notice (Notify Petroleum Engineer)		Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. RECEIVED			

APR 0 1 2010

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Permission to clear all wildlife stipulations would only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.
- No construction, drilling or fracing operations will occur within 0.25 miles of burrowing owl nesting habitat from March 1 through August 15.
- No construction, drilling or fracing operations will occur within 0.5 miles of golden eagle nest February 1 August 15.
- Culverts will be needed on the approach road.
- The dugway for the approach road should be insloped in order to minimize erosion.

APR 0.1 2010

Page 3 of 6 Well: East Chapita 77-23 1/25/2010

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- The conductor pipe shall be set and cemented in a competent formation.
- The top of the production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A 75 foot long blooie line is approved. All other equipment for air/gas drilling shall meet specifications in Onshore Order #2, III. Requirements, E. Special Drilling Operations RECEIVED
- Logging program: Gamma Ray shall be run from TD to surface.

APR 0 1 2010

Commingling:

DIV. OF OIL, GAS & MINING

 Downhole commingling for the Wasatch-Mesaverde formations is approved. This approval can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: East Chapita 77-23 1/25/2010

- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
 encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
 Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

APR 0.1 2010

Page 5 of 6 Well: East Chapita 77-23 1/25/2010

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.

RECEIVED

Well name and number.

APR 0 1 2010

Well location (¼¼, Sec., Twn, Rng, and P.M.).

DIV. OF OIL, GAS & MINING

- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- o Unit agreement and/or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Page 6 of 6 Well: East Chapita 77-23 1/25/2010

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval
 of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
 of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or abandoned,
 all pits must be fenced immediately until they are backfilled. The "Subsequent Report of
 Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of
 the well bore, showing location of plugs, amount of cement in each, and amount of casing left in
 hole, and the current status of the surface restoration.

APR 0 1 2010

Federal Approval of this Action is Necessary

API Well No: 43047395160000

	FORM 9						
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868						
SUNDI	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	sals to drill new wells, significantly deepen e ugged wells, or to drill horizontal laterals. Uso		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: E CHAPITA 77-23				
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000				
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-911	PHONE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2069 FSL 0635 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 23	IP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian: S	5	STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start: 3/24/2010	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME				
3/24/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION				
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
	L TUBING REPAIR	UVENT OR FLARE	☐ WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION				
	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. TD: From 8760' To 8840' Conductor size: Item 4 Float Equipment: Item 5 Logs: Item 8 Air Drilling Variance: Items 7 & 13 Please see the attached revised Drilling Plan reflecting the purposed changes. Oil, Gas and Mining							
Date: March 25, 2010 By:							
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE					
Mickenzie Gates SIGNATURE	435 781-9145	Operations Clerk DATE					
N/A		3/24/2010					

EAST CHAPITA 77-23 NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,600		Shale	
Wasatch	4,487	Primary	Sandstone	Gas
Chapita Wells	5,042	Primary	Sandstone	Gas
Buck Canyon	5,733	Primary	Sandstone	Gas
North Horn	6,333	Primary	Sandstone	Gas
KMV Price River	6,524	Primary	Sandstone	Gas
KMV Price River Middle	7,411	Primary	Sandstone	Gas
KMV Price River Lower	8,149	Primary	Sandstone	Gas
Sego	8,562		Sandstone	
TD	8,760			

Estimated TD: 8,840' or 200'± below Sego top

Anticipated BHP: 4,783 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased-hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open-ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig BOP schematic diagrams attached.

8 point plan-EOG 1 9/20/06



EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	40 - 60'	14"	32.5#	A252			1880 PSI	10,000#
		0-2,300							
Surface	12 1/4"	KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: 12- $\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every **3rd** joint to 400' above the top of primary object. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted.

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

CBL/CCL/VDL/GR

EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3

¹/₄ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 123 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 845 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.

Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EAST CHAPITA 77-23

NW/SW, SEC. 23, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300' \pm - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

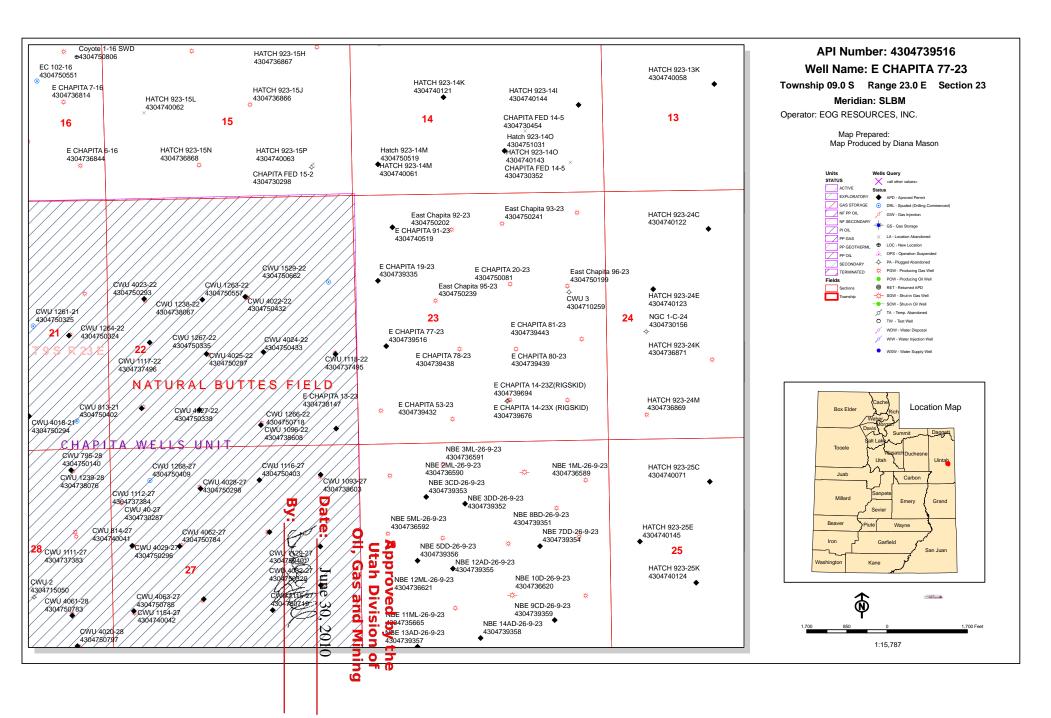
- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

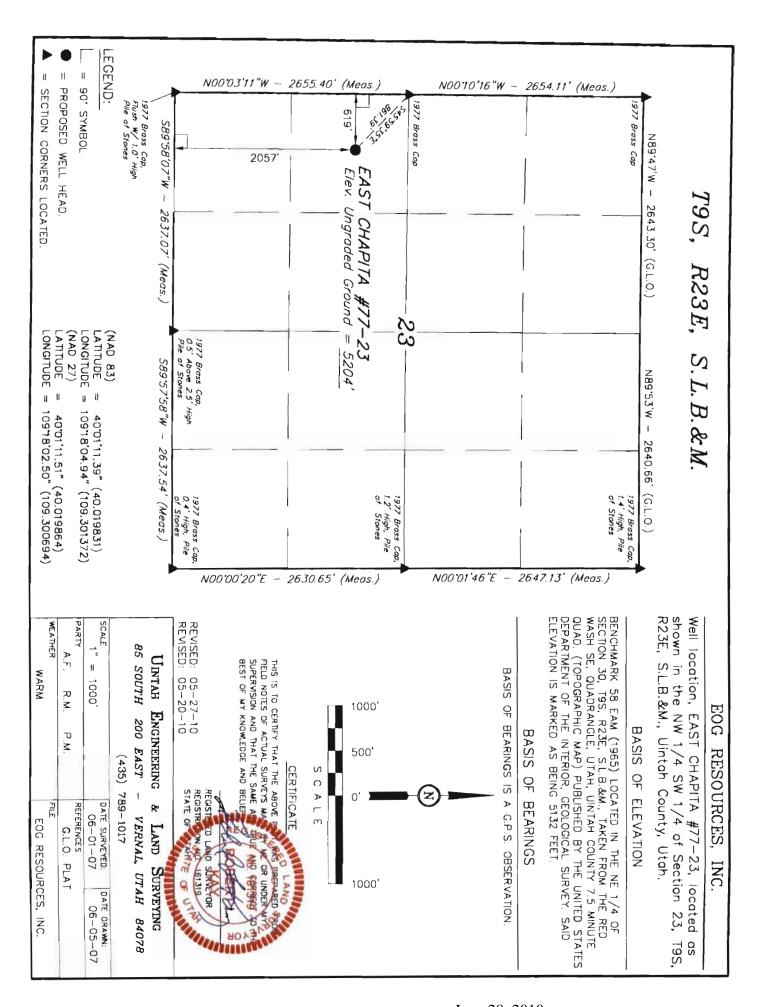
(Attachment: BOP Schematic Diagram)

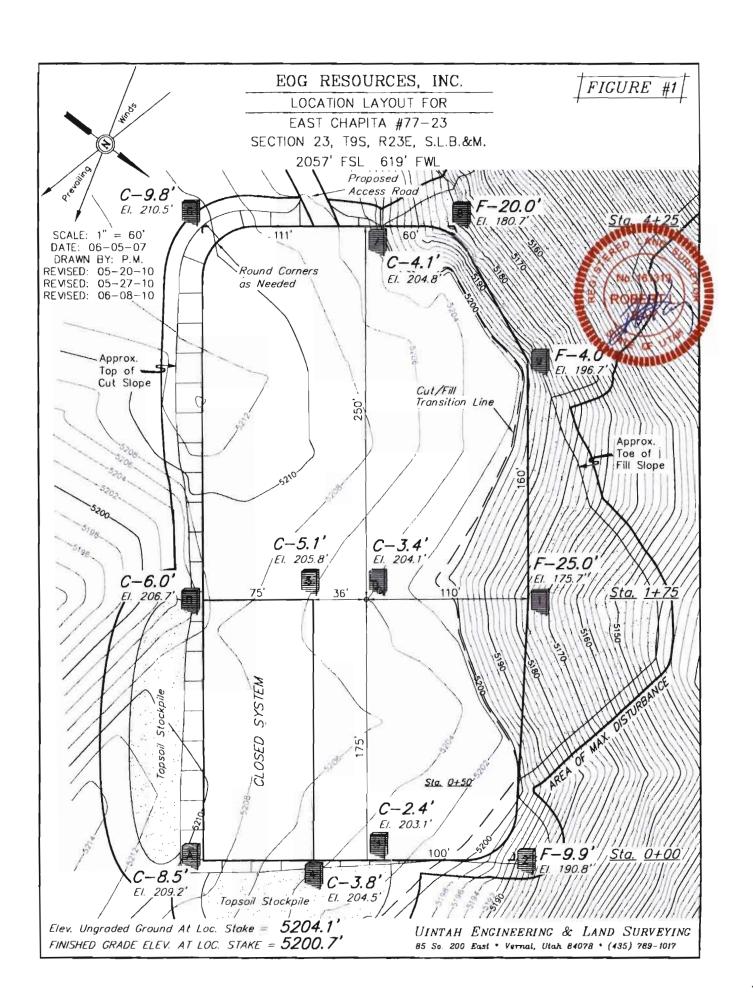
Federal Approval of this Action is Necessary

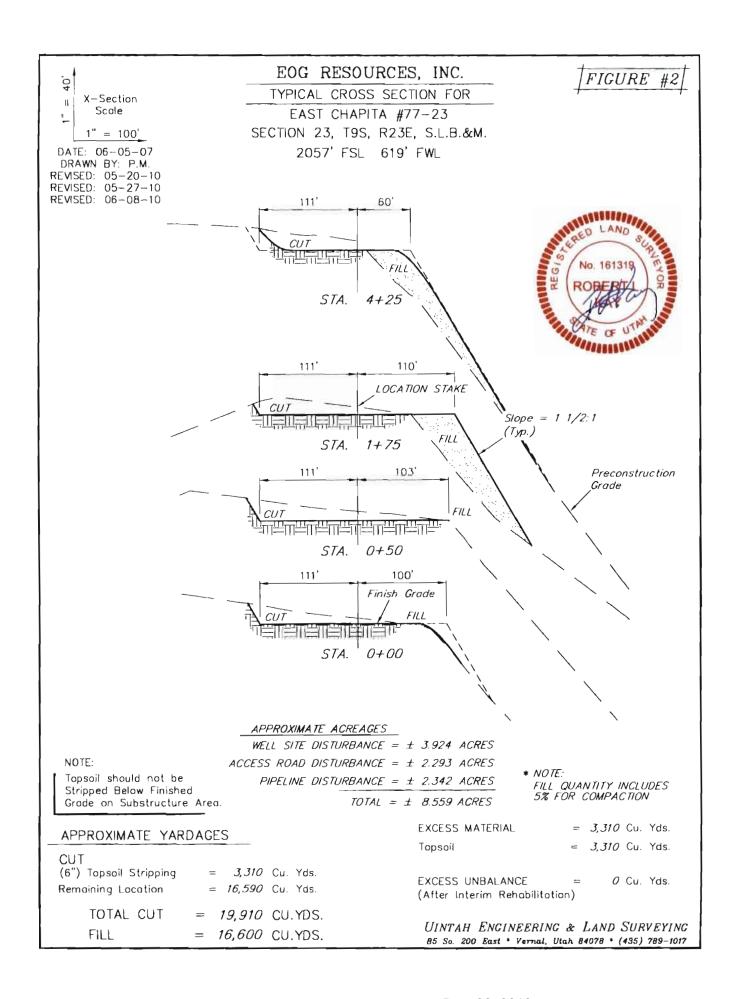
API Well No: 43047395160000

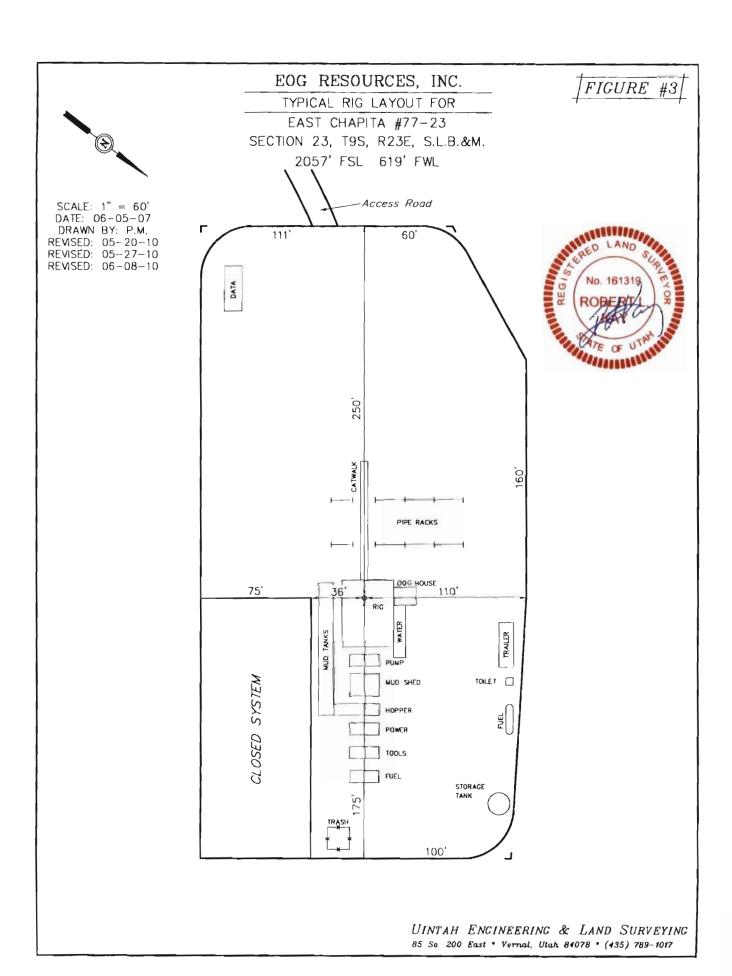
	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868				
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use	isting wells below current APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: E CHAPITA 77-23		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-9111	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2069 FSL 0635 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 23	IP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT	, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
EOG Resources,	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION OMPLETED OPERATIONS. Clearly show all pertin Inc. respectfully requests autho to 2057 FSL and 619 FWL to av	rization to move the oid a gilsonite vein.	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: SHL Move volumes, etc. Approved by the Utah Division of Oil, Gas and Mining Date: June 30, 2010 By:		
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUMBER 435 781-9157	TITLE Regulatory Assistant			
SIGNATURE N/A		DATE 6/28/2010			

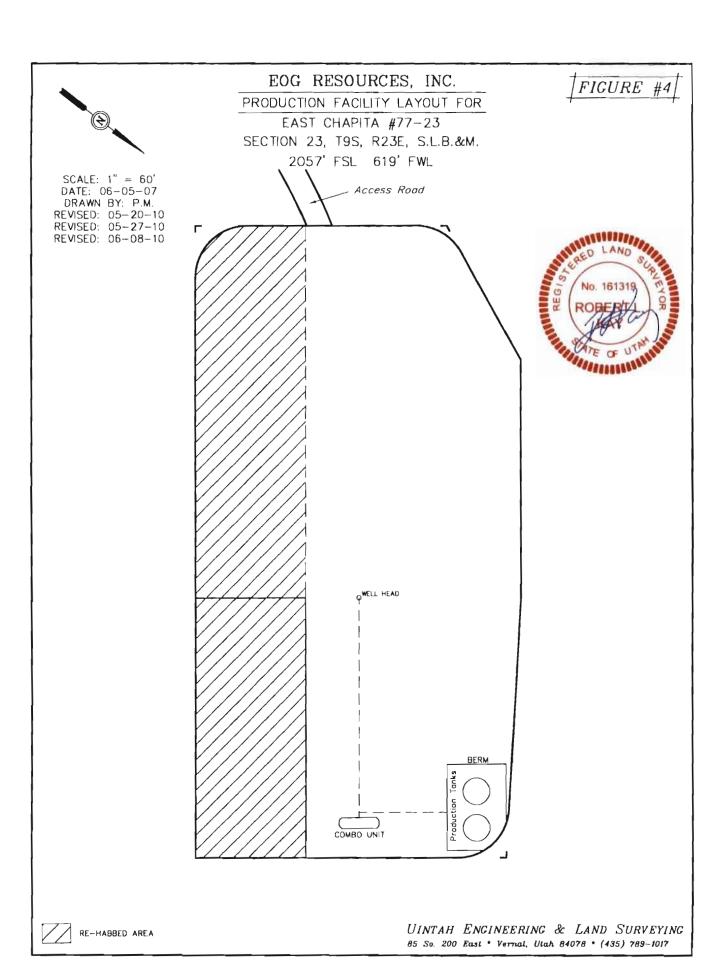








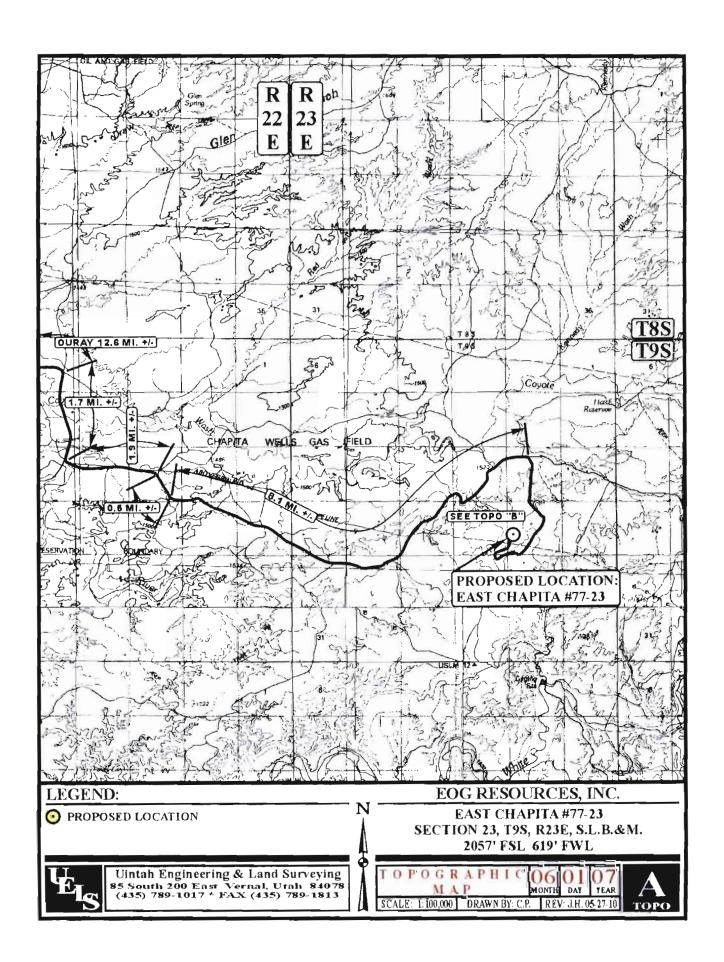


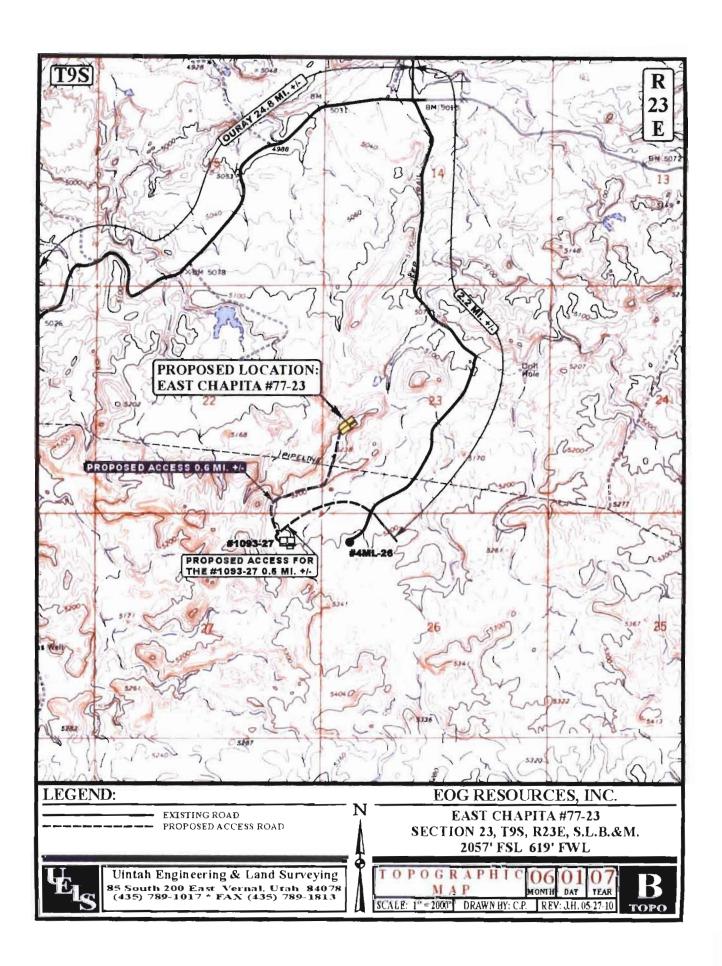


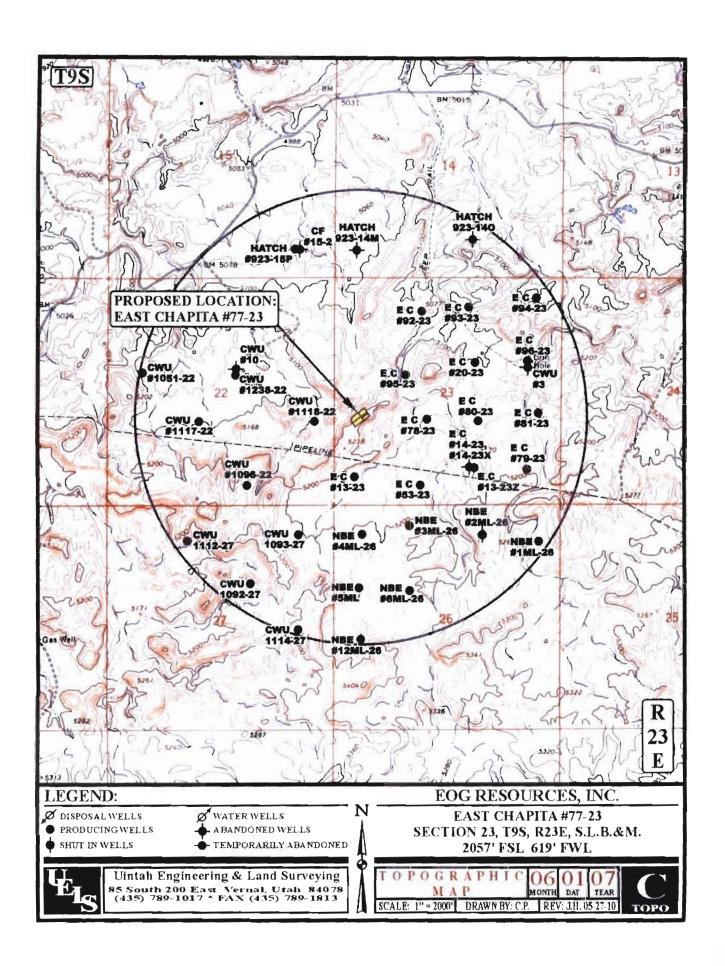
EOG RESOURCES, INC. EAST CHAPITA #77-23 SECTION 23, T9S, R23E, S.L.B.&M.

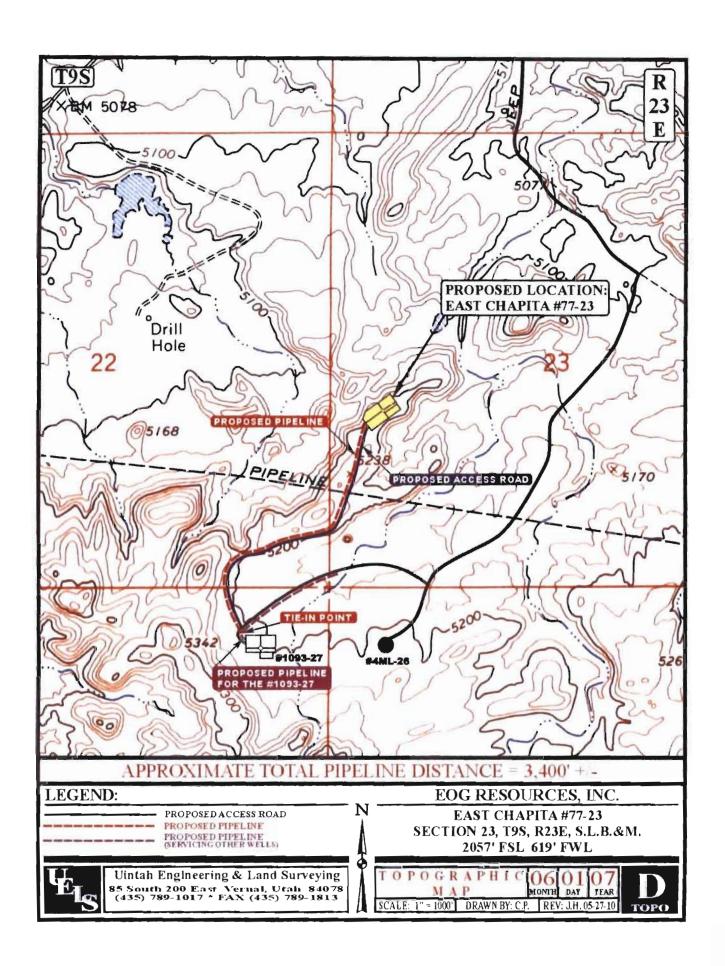
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATLEY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTELRY DIRECTION APPROXIMATELY 8.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATLEY 2.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1093-27 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD A NORTHERLY, THEN NORTHEASTERLY APPROXIMATELY 0.6 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 59.1 MILES.









EOG RESOURCES, INC. EAST CHAPITA #77-23 LOCATED IN UINTAH COUNTY, UTAH

SECTION 23, T9S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

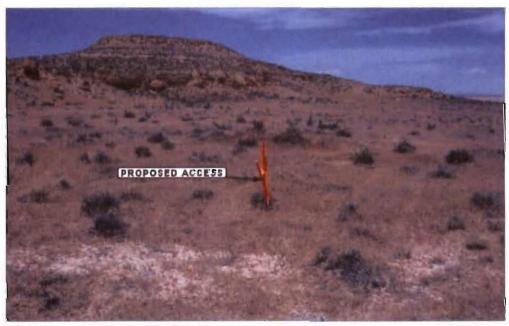
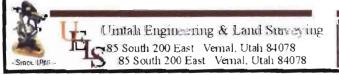


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG RE	SOURCES INC
Well Name: E CHAP	PITA 77-23
Api No: 43-047-39516	Lease Type FEDERAL
Section 23 Township 09S Range 23	E County UINTAH
Drilling ContractorCRAIG'S ROUST	TABOUT SERV RIG # BUCKET
SPUDDED: Date08/23/2010	
Time	
How DRY	
Drilling will Commence:	
Reported byKEN	Γ DAVENPORT
Telephone #	828-8200
Date 08/24/2010 Signed	CHD

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	CES			FORM 9
	DIVISION OF OIL, GAS, AND M		3		5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868
SUNDI	RY NOTICES AND REPORTS	S ON	WELLS	•	5. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.			0 7	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					B. WELL NAME and NUMBER: E CHAPITA 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.					9. API NUMBER: 43047395160000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: xt		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2057 FSL 0619 FWL	TO DANCE MEDITAL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: NWSW Section: 2	3 Township: 09.0S Range: 23.0E Meridia	n: S			STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPO	ORT, O	R OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		☐ CHANGE WELL NAME
/	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMAT	IONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion: 8/23/2010	│	_	FRACTURE TREAT		☐ NEW CONSTRUCTION
0,23,2010	OPERATOR CHANGE	_	PLUG AND ABANDON		☐ PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	_	RECLAMATION OF WELL SITE		☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON
	TUBING REPAIR	_	VENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION		OTHER		OTHER: Drilling Operations
12 DESCRIPE PROPOSED OF CO	OMPLETED OPERATIONS. Clearly show all p				,
l .	y has occurred since spud on			otns, voi	umes, etc.
	,	,	,		cepted by the
					tah Division of
					Gas and Mining
			F	OR	RECORD ₅ , QNLY
					,
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBE 307 276-4842	R	TITLE Regulatory Assistant		
SIGNATURE N/A	=		DATE 8/24/2010		

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill nevels, significantly deepen caising wells below current Dolllift, from for cut of proposals to drill nevels, significantly deepen caising wells below current Dollift, from for cut of proposals LEYPE OF WELL STORY WELL STO		STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	rCES			FORM 9
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hold depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMITTO 1. TYPE OF WELL				3		
Determination depth, recenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMITTO STATE S. WELL NAME and NUMBER:					6.	IF INDIAN, ALLOTTEE OR TRIBE NAME:
Signer Very Comparation: 2. NAME OF DEFENTION: 2. NAME OF DEFENTION: 2. NAME OF DEFENTION: 3. ADDRESS OF OPERATOR: 4. OCATION OF WELL 5. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. OCHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OF R	bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO					UNIT or CA AGREEMENT NAME:
ADDRESS OF OPERATOR: 3. ADDRESS OF OPERATOR: 1. SPUD REPORT DOES OF OPERATOR: 2. SPUD REPORT Report Date: 2. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The referenced well was spud on August 2.3, 2010. NAME (PLEASE PRINT) NICHEI ROUTES 3. ADDRESS OF OPERATOR. 4. 1457 81-9111 Ext PHONE NUMBER: 4. 15781-9111 Ext 9. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION TYPE OF ACTION 1. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 1. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 1. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 1. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION 1. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION 1. CHICK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1. CHICK APPROPRIATE CHICK APPROPRIATE CHICK TO REPORT OF NOTICE, REPORT, OR OTHER DATA 1. CHICK APPROPRIATE CHICK THE DATA 1.	1					
ALGOATION OF WELL **POOTAGES AT SUBFACE: 2057 FSL 0619 FVL QUTYQ (TR, SECTION, TOWNSHIP), RANCE, MERIDIAN: QUTYQ (TR, SECTION, TOWNSHIP, RANCE, MERIDIAN: QUTYQ (TR, SECTION, TOWNSHIP						
### PROPOSED OR COMPLETE DEPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. TOUR SCENT OR FOR PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. TOUR STATE; STATE;						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE ACIDIZE ACIDIZE ACIDIZE CHANGE TUBINO CHANGE TUBINO CHANGE WELL STATUS CH	FOOTAGES AT SURFACE: 2057 FSL 0619 FWL	ID DANCE MEDIDIAN.				
TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE			n: S			
ACIDIZE ALTER CASING CASING REPAIR CHANGE WELL STATUS COMMINCE PRODUCTING FORMATIONS CONVERT WELL TYPE	11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPO	ORT, OR	OTHER DATA
NOTICE OF INTENT Approximate date work will start: CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS SUBSEQUENT REPORT Date of Work Completion: Deepen FRACTURE TREAT NEW CONSTRUCTION Debet of Spudi: 8/23/2010 REPORT PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION DRILLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION DRILLING REPORT WILDCAT WELL DETERMINATION OTHER OTHER: 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The referenced well was spud on August 23, 2010. NAME (PLEASE PRINT) PHONE NUMBER TITLE REQUILITOR SARTOR TRESUME CHANGE TREAT NEW CONVERT WELL TEMPORARY ABANDON VENT OR FLARE WATER DISPOSAL WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION WILDCAT WELL DETERMINATION OTHER OTHER: The referenced well was spud on August 23, 2010. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) PHONE NUMBER REGULATORY ASSISTANT REGULATORY ASSISTANT STONATURE DATE	TYPE OF SUBMISSION			TYPE OF ACTION		
Approximate date work will start: Subsequent report Date of Work Completion: Deepen FRACTURE TREAT NEW CONSTRUCTION Deepen Deepen FRACTURE TREAT NEW CONSTRUCTION Deepen Deepen PLUG AND ABANDON PLUG BACK PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION Deapen of Spudi: 8/23/2010 REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORATY REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION APD EXTENSION APD EXTENSION APD EXTENSION DEEpen APP		☐ ACIDIZE		ALTER CASING		CASING REPAIR
SUBSEQUENT REPORT Date of Work Completion: DEEPEN	NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		☐ CHANGE WELL NAME
Date of Work Completion: Depart of Completion: Operator Change Plug And Babadon Plug Back		CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATI	ONS	
SPUD REPORT Date of Spud: BY 23/2010	Date of Work Completion:	_				
Date of Spudic BPORT Date of Spudic Spudic						
8/23/2010 REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORATY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL APD EXTENSION APD EXTENSION MILDICAT WELL DETERMINATION OTHER THE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The referenced well was spud on August 23,2010. Accepted by the Utah Division of Oil, Gas and Mining FOR RECARD. ONLY NAME (PLEASE PRINT) PHONE NUMBER TITLE Regulatory Assistant Regulatory Assistant SIGNATURE DATE		_				
DRILLING REPORT Report Date: WATER SHUTOFF SITA STATUS EXTENSION OTHER: OTHER: 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The referenced well was spud on August 23,2010. Accepted by the Utah Division of Oil, Gas and Mining FOR RECARDS. NAME (PLEASE PRINT) Michelle Robles 307 276-4842 TITLE Regulatory Assistant SIGNATURE DATE		_				
WILDCAT WELL DETERMINATION	DRILLING REPORT	_	_			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The referenced well was spud on August 23,2010. Accepted by the Utah Division of Oil, Gas and Mining FOR RECARGUS 25, 2000 LY NAME (PLEASE PRINT) PHONE NUMBER Michelle Robles 307 276-4842 SIGNATURE TITLE Regulatory Assistant DATE	Report Date:		_			
The referenced well was spud on August 23,2010. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD, ONLY NAME (PLEASE PRINT) PHONE NUMBER Michelle Robles 307 276-4842 PATE PHONE NUMBER Regulatory Assistant SIGNATURE DATE		☐ WILDCAT WELL DETERMINATION		OTHER		OTHER:
NAME (PLEASE PRINT) Michelle Robles PHONE NUMBER Regulatory Assistant SIGNATURE PURPLE AUGUST 25, 2010 PHONE NUMBER Regulatory Assistant DATE	l .	-				
NAME (PLEASE PRINT) Michelle Robles PHONE NUMBER Regulatory Assistant SIGNATURE Oil, Gas and Mining FOR RECORD August 25, 2010 PHONE NUMBER Regulatory Assistant DATE						
NAME (PLEASE PRINT) Michelle Robles 307 276-4842 PHONE NUMBER Regulatory Assistant SIGNATURE PHOR RECAUGUST 25, 20110 TITLE Regulatory Assistant						
NAME (PLEASE PRINT) Michelle Robles 307 276-4842 PHONE NUMBER Regulatory Assistant SIGNATURE DATE				F(
Michellè Robles 307 276-4842 Regulatory Assistant SIGNATURE DATE				Г	JK	August 25, 2010
Michellè Robles 307 276-4842 Regulatory Assistant SIGNATURE DATE						
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	l .					

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: E CHAPITA 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		ONE NUMBER: 111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2057 FSL 0619 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
8/23/2010	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	✓ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
EOG Resources, Inc produced water a 550-30N SWD 1,2,3,4,5,6&7 5. Wh	DMPLETED OPERATIONS. Clearly show all pect. respectfully requests authot the following locations: 1. No. 3. CWU 2-29 SWD 4. Red Wanite River Evaporation Ponds: 1. Wells ROW# UTU86010 & U	rization for the disposal of IBU 20-20B SWD 2. CWU Ash Evaporation Ponds 182 6. RNI Disposal 7. Hos	Accepted by the Utah Division of
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 8/24/2010	

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM							
Operator:	EOG Resources, Inc.		Operator Account Number: N 9550				
Address:	1060 East Highway 40						
	city Vernal						
	state UT	zip 84078	Phone Number: (307) 276-4842				

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-39516	EAST CHAPITA 77-2	3	NWSW	23	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Dat	(6		ity Assignment ffective Date
Α	99999	17746	8	/23/201	0	8	126/10

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
Action Code	Current Entity Number	New Entity Number	\$ 10 mm \$ 10 m	Spud Dat	9	En	ity Assignmer Effective Date	t ,
Comments:								

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	pud Dat	•	En	 tity Assignment Effective Date
Comments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Michelle	Ro	
Name (Dies		Delet

Signature

Regulatory Assistant

8/24/2010

RECEIVED

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	RCES		FORM 9
	DIVISION OF OIL, GAS, AND M		3	5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868
SUNDI	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepo ugged wells, or to drill horizontal laterals	en exist . Use A	ting wells below current PPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: E CHAPITA 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047395160000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: xt	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2057 FSL 0619 FWL	TO DANCE MEDITAN			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: NWSW Section: 2:	3 Township: 09.0S Range: 23.0E Meridia	n: S		STATE: UTAH
11.	CK APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	:	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR		VENT OR FLARE	WATER DISPOSAL
Report Date: 9/2/2010	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION
9/2/2010	WILDCAT WELL DETERMINATION		OTHER	OTHER:
	OMPLETED OPERATIONS. Clearly show all page of the control of the c			volumes, etc.
	,	_0, _	• •	Accepted by the
				Utah Division of
				l, Gas and Mining
			FOF	R RECORD ONLY
				September 02, 2010
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBE 435 781-9145	R	TITLE Operations Clerk	
SIGNATURE N/A			DATE 9/2/2010	

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	CEC			FORM 9
	DIVISION OF OIL, GAS, AND M.		3	5.LEA 9	SE DESIGNATION AND SERIAL NUMBER: 868
SUND	6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.			7.UNI	T or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					LL NAME and NUMBER: APITA 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 7395160000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		IONE NU 9111 Ex			LD and POOL or WILDCAT: RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2057 FSL 0619 FWL				COUN' UINT	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 23	P, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian	n: S		STATE	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPOR	T, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATION	s [CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	FRACTURE TREAT		NEW CONSTRUCTION
	OPERATOR CHANGE	Пр	PLUG AND ABANDON		PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	☐ R	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	☐ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	∐ v	/ENT OR FLARE	L	WATER DISPOSAL
Report Date: 9/21/2010	WATER SHUTOFF	∐ s	SI TA STATUS EXTENSION	L	APD EXTENSION
3/21/2010	☐ WILDCAT WELL DETERMINATION		OTHER	ОТ	HER:
Please see the attach	ed well chronology report for all activity up to 9/21/20	the 010.	referenced well show	ing Acce _l Utah Dil, Ga	oted by the Division of s and Mining ECORDONLY
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBE 307 276-4842	R	TITLE Regulatory Assistant		
SIGNATURE N/A			DATE 10/5/2010		

WELL CHRONOLOGY REPORT

Report Generated On: 10-04-2010

Well Name	ECW 077-23	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39516	Well Class	COMP
County, State	UINTAH, UT	Spud Date	09-11-2010	Class Date	
Tax Credit	N	TVD / MD	8,840/ 8,840	Property #	061839
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	8,838/ 8,838
KB / GL Elev	5,218/ 5,201				
Location	Section 23, T9S, R23E, NWS	SW, 2057 FSL & 619 F	WL		

1.0 DRILL & COMPLETE **Event No Description** Operator EOG RESOURCES, INC WI % 100.0 NRI % 87.5 AFE No 304840 AFE Total 1,562,900 DHC / CWC 625,800/937,100 TRUE TRUE #34 08-12-2007 Rig Contr Rig Name **Start Date Release Date** 09-15-2010 08-12-2007 SHARON CAUDILL Reported By \$0 \$0 DailyCosts: Drilling Completion \$0 **Daily Total** \$0 **Cum Costs: Drilling** \$0 Completion \$0 **Well Total** 0 0 0.0 0.0 MD 0 0 MW**TVD Progress** Days Visc **PBTD**: 0.0 PKR Depth: 0.0 Formation: Perf:

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION DATA (REV 8/17/09)

2057' FSL & 619' FWL (NW/SW) SECTION 23, T9S, R23E

UINTAH COUNTY, UTAH

LAT 40.01983, LONG 109.301372 (NAD 27)

TRUE #34

OBJECTIVE: 8840' TD, MESAVERDE

DW/GAS

EAST CHAPITA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: FEDERAL UTU-67868

ELEVATION: 5204.1' NAT GL, 5200.7' PREP GL, (DUE TO ROUNDING THE PREP GL IS 5201'), 5220' KB (19')

EOG WI 100%, NRI 87.50%

08–17–2010 Reported By TERRY CSERE

Daily Costs: Drilling \$100,000 **Completion** \$0 **Daily Total** \$100,000

Cum Costs: Drilling	\$100,000	Completion	\$0		Well Total	\$10	0,000
MD 0	TVD 0 Pro	ogress 0	Days	0	MW	0.0 Vis	c 0.0
Formation:	PBTD : 0.0		Perf:		PF	KR Depth:	0.0
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	on					
06:00 06:00	24.0 LOCATION STARTE	ED 8/16/10. PUSHING	G IN ROAD.				
08-18-2010 Re	eported By TERRY	CSERE					
DailyCosts: Drilling	\$100,000	Completion	\$0		Daily Tota	il \$10	0,000
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Total	\$10	0,000
MD 0	TVD 0 Pro	ogress 0	Days	0	MW	0.0 Vis	c 0.0
Formation :	PBTD : 0.0		Perf:		PH	KR Depth:	0.0
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	on					
06:00 06:00	24.0 PUSHING IN ROAD.	•					
08-19-2010 Re	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	s 0	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Total	\$10	0,000
MD 0	TVD 0 Pro	ogress 0	Days	0	MW	0.0 Vis	c 0.0
Formation:	PBTD : 0.0		Perf:		PH	KR Depth:	0.0
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	on					
06:00 06:00	24.0 LOCATION 10% CO	MPLETE.					
08-20-2010 Re	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	s 0	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Total	\$10	0,000
MD 0	TVD 0 Pro	ogress 0	Days	0	MW	0.0 Vis	c 0.0
Formation:	PBTD : 0.0		Perf:		PF	KR Depth:	0.0
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	on					
06:00 06:00	24.0 LOCATION 30% CO	MPLETE.					
08-23-2010 Re	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	s 0	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Total	\$10	0,000
MD 0	TVD 0 Pro	ogress 0	Days	0	MW	0.0 Vis	c 0.0
Formation:	PBTD : 0.0		Perf:		PF	KR Depth:	0.0
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	n					
06:00 06:00	24.0 LOCATION & ROAD	IS 90% COMPLET	E				
08-24-2010 Re	eported By TERRY	CSERE/KENT DEV	ENPORT				
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	s 0	

Cum Costs: Drilling \$100,000 \$0 Well Total \$100,000 Completion 60 60 MW0.0 0.0 MD TVD **Progress Days** Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs **Activity Description** 06:00 06:00 24.0 WORKING ON CLOSED LOOP & ROAD, 95% COMPLETE. CRAIG'S ROUSTABOUT SPUD A 20" HOLE ON 8/23/10 @ 9:00 AM, SET 60' OF 14" CONDUCTOR, CEMENT TO SURFACE WITH READY MIX, CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 08/22/10 @ 9:34 AM. TERRY CSERE 08-25-2010 Reported By DailyCosts: Drilling Completion \$0 **Daily Total** \$0 \$100,000 \$100,000 **Cum Costs: Drilling** Completion \$0 Well Total MD TVD 60 Days MW0.0 Visc **Progress Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 **Activity at Report Time: LOCATION COMPLETE** Start End **Activity Description** 24.0 LOCATION COMPLETE. 06:00 06:00 09-08-2010 Reported By KYLAN COOK

DailyCosts: Drilling \$218.237 Completion \$0 **Daily Total** \$218,237 **Cum Costs: Drilling** \$318,237 Completion Well Total \$318,237 TVD MD 2,354 0 MW0.0 0.0 2,354 **Progress Days** Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 9/1/2010. DRILLED 12–1/4" HOLE TO 2335' GL (2354' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 1580' THEN PUMP DRILLED TO TD WITH PARTIAL RETURNS. RAN 53 JTS (2321.38') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2340.38' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIG'S AIR RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3500 PSIG. PUMPED 176 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT WITH 0.3% VARSET, 2% CAL—SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT WITH 2% CACL2 MIXED TAIL CEMENT @ 15.6 PPG WITH YIELD OF 1.18 CF/SX. DISPLACED CEMENT WITH 176 BBLS FRESH WATER. BUMPED PLUG WITH 800# @ 07:15 AM ON 9/6/10. FLOAT HELD. SHUT—IN CASING VALVE. BROKE CIRCULATION 27 BBLS INTO LEAD CEMENT. INTERMITTENT RETURNS THROUGHOUT JOB. NO CEMENT TO SURFACE. WOC 3 HR 15 MIN.

TOP JOB #1: PUMP DOWN 200' OF 1' PIPE. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HR 30 MIN.

TOP JOB #2: MIXED & PUMPED 30 SX (6 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG #2 TOOK SURVEYS WHILE DRILLING HOLE @ 1550' = 1.00 DEGREE, AND 2000° = 1.75 DEGREE. KYLAN COOK NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 9/3/10 @ 16:00 PM.

KYLAN COOK NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING & CEMENT JOB VIA PHONE ON 9/3/10 @ 16:00 PM.

09-11-201	10 Re	ported By	D	AVID GREESON	N						
DailyCosts		\$89,356			pletion	\$0		Dails	Total	\$89,356	
Cum Cost		\$407,59			pletion	\$0		Well		\$407,593	
MD	2,354	TVD	2,354	Progress	0	Days	0	MW	9.5	Visc	32.0
Formation	ı:	I	PBTD : 0	O		Perf :			PKR De	pth: 0.0	
Activity at	t Report Ti	ne: DRLG FLC	OAT EQUI	IP @ 2300'					•	-	
Start	End	Hrs Activ	vity Desc	ription							
06:00	22:00	(168.1 FUEI THE HAN	22') 4.5" 1 . TO THE MORNIN D LOCKE	URT. RIG MOV 1.6#, N-80 LTC ECW 77-23. ST G @06:00 AND ED DOWN BOP D TEST BOP ON	C PROD. C FOOD UP RELEASI AND TES	ASING, 1– (DERRICK @ ED TRUCKS TED SEAL T	10.82') MAF 17:00 ON 9 BY 18:30 O TO 5K PSI F	RKER JT.4.5" 9/10/10. RW J N 9/10/10. NU OR 15 MIN. 1	11.6#, P–110 ONES TRUC J BOP AND NOTIFIED B	MARKER AN KS BEGAN MO CHOKE, FMC LM VIA EMAI	D 2850 GL DVE IN FECH
22:00	01:30	MAN	IFOLD, 1	VITH B & C QU KILL LINE VAL EST ANNULAR	VES, UPI	PER & LOWI	ER KELLY	& INSIDE BO	OP 250 LOW	7/ 5000 PSI HI,	
01:30	02:00	0.5 TEST	CASING	TO 1500 PSI F	OR 30 MII	N. TEST HEL	.D.				
02:00	05:00			FORD LD MAC S. PU DP AND B						ON OVER PRO	PER LD
05:00	05:30		QUE KEL HINE.	LY, INSTALL R	ОТ. НЕАГ	RUBBER A	ND KELLY	DRIVE BUSI	HING. RD W	EATHERFORD	LD
05:30	06:00	0.5 DRIL	L CEME	NT AND FLOAT	EQUIP. <	5K WOB, 50	RPM/67 RP	PM MM. 110 S	5TK. ON #2 I	PUMP, 416 GPM	1.
		FULI	CREWS	S. NO ACCIDEN	ITS OR IN	CIDENTS R	EPORTED.				
		REPA	IRED FA	ST LINE SHIVE	E FROM C	ROWN ON F	RIG MOVE.				
		SAFE	ETY MEE	TINGS TOPICS:	: RIG MO	VE TAILGAT	E/ TESTING	G BOP.			
		FUNC	CTION RA	AMS, ANNULA	R AND CI	HOKE.					
		FUEI	RECIEV	ED 4500 GL, O	N HAND	6783 GL., US	SED 282 GL.				
09-12-201	10 Re	ported By	D.	AVID GREESON	N						
DailyCost	s: Drilling	\$28,572	,	Com	pletion	\$0		Daily	Total	\$28,572	
Cum Cost	s: Drilling	\$436,16	5	Com	pletion	\$0		Well	Total	\$436,165	
MD	5,140	TVD	5,140	Progress	2,800	Days	1	MW	10.1	Visc	35.0
Formation	ı:	F	PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	ne: DRILLING	6 @ 5,140	,							
Start	End	Hrs Activ	vity Desc	ription							
06:00	07:00			NT AND FLOAT STK. ON #2 PU	-		64' INCLUI	OING 10' OF I	NEW HOLE.	5–10K WOB, 5	0 RPM/73

0.5 SHUT IN ANNULAR AND PERFORM FIT TEST@ 2340' SHOE W/ 9.6 MUD WT. TO 200 PSI = 11.2 EMW.

 $0.5\,$ PUMP HIGH–VIS. GEL SWEEP AND CIRCULATE BACK TO SURFACE @ 2364'.

07:30

08:00

07:00 07:30

08:00	10:30	2.5 DRILLING F/2364' TO 2778' (414') 166'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 15–19K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1800 PSI, DIFF 250. DRLG.: MAHOGANY SHALE BED.
		MUD WT. 9.6 VIS 31.
10:30	11:00	0.5 SERVICE RIG. GREASE DRAW WORKS.
11:00	11:30	0.5 SURVEY @ 2700', 1.99 DEGREES.
11:30	17:30	6.0 DRILLING F/2778' TO 3779' (1001') 167'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 15–19K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1800 PSI, DIFF 250. DRLG.: MAHOGANY OIL SHALE BED.
		MUD WT. 9.7 VIS 32.
17:30	18:00	0.5 SURVEY @ 3699', 3.07 DEGREES.
18:00	23:30	5.5 DRILLING F/3779' TO 4438' (659') 120'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1800 PSI, DIFF 250. DRLG.: MAHOGANY SHALE, WASATCH @4487'.
		MUD WT. 9.8 VIS 33.
23:30	00:00	0.5 SURVEY @ 4357', 2.79 DEGREES.
00:00	06:00	6.0 DRILLING F/4438' TO 5140' (702') 117'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1900 PSI. DRLG.: WASATCH @ 4487', CHAPITA WELLS @ 5042'. MUD WT. 10.1 VIS. 35.

FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS: FAST HOLING/USING WIRELINE SURVEYS.

FUNCTION RAMS, ANNULAR AND CHOKE. FUEL ON HAND 5586 GL., USED 1197 GL.

06:00 SPUD 7-7/8" HOLE AT 8:00 AM, 9/11/10.

09-13-2010	Re	eported By	Ε	DAVID GREESO	N						
DailyCosts: 1	Drilling	\$33,1	184	Con	npletion	\$0		Daily	Total	\$33,184	
Cum Costs:	Drilling	\$469	,478	Con	npletion	\$0		Well	Total	\$469,478	
MD	7,130	TVD	7,130	Progress	1,990	Days	2	MW	10.9	Visc	36.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 7130'

Start	End	Hrs	Activity Description
06:00	14:30	8.5	DRILLING F/5140' TO 5970' (830') 98'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1900 PSI. DRLG.: CHAPITA WELLS @5042', BUCK CANYON 5,733'. MUD WT. 10.5 VIS. 35.
14:30	15:00	0.5	SERVICE RIG. FUNCTION COM DRILLING.
15:00	06:00	15.0	DRILLING F/5970' TO 7130' (1160') 77'FT/HR. 65 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2550 PSI. DRLG.: NORTH HORN 6333', PRICE RIVER 7411'.

MUD WT. 10.9 VIS. 36.

FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS: ELECTRICAL WORK/HAND HELD GRINDERS.

FUNCTION RAMS AND COM DRILLING

FUEL ON HAND 4104 GL., USED 1482 GL.

09-14-2010	Re	eported By	D	DAVID GREESO	N						
DailyCosts: 1	Drilling	\$33,52	28	Con	npletion	\$6,106		Daily	Total	\$39,634	
Cum Costs:	Drilling	\$503,0	006	Con	npletion	\$6,106		Well	Fotal	\$509,112	
MD	8,455	TVD	8,455	Progress	1,325	Days	3	MW	11.4	Visc	38.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING@ 8455'

Start	End	Hrs	Activity Description
06:00	10:00	4.0	DRILLING F/7130' TO 7411' (281') 70'FT/HR. 52 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2650 PSI. DRLG.: PRICE RIVER 6493', MIDDLE PRICE RIVER 7411'.
			MUD WT. 11.1 VIS. 36.
10:00	10:30	0.5	SERVICE RIG. GREASE DRAW WORKS. FUNCTION COM DRILLING.
10:30	06:00	19.5	DRILLING F/7411' TO 8455' (1044') 54'FT/HR. 54 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2600 PSI. DRLG.: MIDDLE PR 7411', LOWER PR 8149'.
			MUD WT. 11.4 VIS. 38. PUMPED 3 HIGH VIS 40 BBL SWEEPS BACK TO SURFACE, SMALL AMOUNTS OF SAND AND SHALE RETURNING WITH THE SWEEP.
			FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS TOPICS: TRIP HAZARDS/MIXING CHEMICALS.
			FUNCTION ANNULAR, CHOKE AND COM DRILLING
			FUEL ON HAND 2622 GL., USED 1482 GL.

09-15-2010	Re	eported By	D	DAVID GREESON	N						
DailyCosts: D	rilling	\$52,634	ļ	Com	pletion	\$0		Daily	Total	\$52,634	
Cum Costs: I	Prilling	\$555,64	10	Com	pletion	\$6,106		Well 7	Fotal	\$561,747	
MD	8,840	TVD	8,840	Progress	385	Days	4	MW	11.6	Visc	39.0
Formation:		I	PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: LAYDOWN DP

Start	End	Hrs	Activity Description
06:00	10:30		DRILLING F/8455' TO 8693' (238') 53'FT/HR. 54 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2600 PSI. DRLG.: LOWER PR 8149', SEGO 8638'.
			MUD WT. 11.5 VIS. 38. PUMPED 3 HIGH VIS 40 BBL SWEEPS BACK TO SURFACE, SMALL AMOUNTS OF SAND AND SHALE RETURNING WITH THE SWEEP.
10:30	11:00	0.5	SERVICE RIG.
11:00	14:00	3.0	DRILLING F/8693' TO 8840' (147') 49'FT/HR. 50 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2600 PSI. DRLG.: LOWER PR 8149', SEGO 8638'. REACHED TD @ 14:00 HRS, 9/14/10.
			MUD WT. 11.6 VIS. 38. PUMPED 3 HIGH VIS 40 BBL SWEEPS BACK TO SURFACE, VARIOUS SIZED SHALE RETURNING WITH THE SWEEPS.
14:00	16:00	2.0	CIRCULATE TOTAL CIRCULATION BEFORE TOOH TO LAYDOWN REAMERS. PUMPED A HIGH–VIS GEL SWEEP DOWNHOLE AND BACK TO SURFACE BRINGING SMALL AMOUNT OF SAND AND SHALE. DROP SURVEY, CHECK COM TRIPPING AND PUMP DRYJOB SLUG.
16:00	20:30	4.5	TRIP OUT OF THE HOLE FOR WIPER TRIP AND TO LD ROLLER REAMERS. WORK TIGHT HOLE AT 5187' AND 3204'.
20:30	00:00	3.5	TRIP IN THE HOLE WITH NO PROBLEMS. HOLE SHOWS PROPER DISPLACEMENT. KELLY UP AT 3604 ' AND 6587 '.
00:00	01:00	1.0	WASH AND REAM 33' TO BOTTOM.
01:00	02:30	1.5	CIRCULATE BEFORE TOOH TO LD DP AND BHA. PUMPED HIGH–VIS SWEEP TO SURFACE, LITTLE SOLIDS RETURNING. RU WEATHERFORD LD MACHINE AND HELD SAFETY MEETING OVER LD DP W/ ALL ON LOCATION. CASING POINT @ $02:30$ ON $9/15/10$.
02:30	06:00	3.5	LD DRILL PIPE WITH WEATHERFORD LD MACHINE.
			FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS TOPICS: WORK TIGHT HOLE/ LD DP.
			FUNCTION COM DRILLING AND TRIPPING.

FUEL RECEIVED:	1500 GL	ON HAND: 3078	GL	USED: 1044 (GL.

		FU	JEL RECEIV	ED: 1500 GL. O	ON HAND	: 3078 GL., USI	ED: 1044 G	L.			
09-16-201	0 Re	eported By	D	AVID GREESO	N						
DailyCosts	: Drilling	\$53,	834	Con	npletion	\$153,093		Dail	y Total	\$206,927	
Cum Costs	: Drilling	\$609	9,474	Con	npletion	\$159,200		Well	Total	\$768,675	
MD	8,840	TVD	8,840	Progress	0	Days	5	MW	11.6	Visc	38.0
Formation	:		PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at	Report Ti	me: RDRT/	WO COMPLI	ETION							
Start	End	Hrs A	ctivity Desc	cription							
06:00	08:30	2.5 LI	O DRILL PIP	E AND BHA. B	ROKE KE	LLY.					
08:30	09:00	0.5 PU	JLL WEAR I	RING AND RU	WEATHER	RFORD CASER	RS.				
09:00	14:30	20 R. A. H. JT	07 JTS 4 1/2", AN CASING SSEMBLY @ ANGER W/ 2 S 2 & 3. RAI	Y MEETING W 11.6#, N-80, L' AS FOLLOWS 2 8794.7' 206 J' 2 PUP JT (11.11 N 25 CENTRAL AID IT DOWN	TC CASIN ; FLOAT S rs PLUS 2 ') & (21.80 LIZERS ST	G & LANDED HOE @ 8838.8 MKR. JTS (21 ''). RAN 3 TUP ARTING ON J	@ 8838.81 ', 1 SHOE I .27') BOTT RBULIZER Γ#4 AND F	'. IT., FLOAT (OM @ 6502 S, 1 – 5' AB EACH 3RD I	COLLAR W/L '' & TOP (19. OVE SHOE 1	ATCH DOWN 72') @ 4074', EACH IN MII	CASING DDLE OF
14:30	15:30			BOTTOMS UP A					ETING WITH	IAII DDESEN	IT
15:30	19:00			TEST PUMP &							
13.30	15.00	Bl		ATER, 122.8. B							
		W W (4 He	ATER. WAS ATER @ 7.0 100 PSI) 5 M OURS. PLU	LS (1255 SKS), I H PUMP & LIN BPM AVERAG IN. RELEASEI IG DOWN @ 15 OATS HELD.	IES, LOAD E, BUMP I D PRESSU	O & DROPPED PLUG W/1500 I RE, FLOW BAG	TOP PLUC PSI OVER I CK 2 BBL	G ONLY. DI FCP OF 200 S. RE PRES	SPLACED W 0 PSI @ 2 BPI SURED UP T	ITH 136.6 BB M. HELD PRE O 2400 PSI FO	LS FRESH SSURE OR 1
19:00	20:00	1.0 W	AIT ON CEN	MENT, HOLD 20	000 PSI ON	N HEAD FOR (ONE HOUR	t .			
20:00	22:00			N CLEAN PITS					T TO 5K PSI I	FOR 15 MIN.	
22:00	06:00			NES TRUCKS A M THE ECW 7					VER BY 20:00	9/15/10. MO	VING
		FU	JLL CREWS	S. NO ACCIDEN	NTS OR IN	CIDENTS REF	PORTED.				
		SA	AFETY MEE	TINGS TOPICS	: RUN CA	SING/CEMEN'	Т				
		FU	UNCTION CO	OM DRILLING	AND TRII	PPING.					
		FU	JEL ON HAI	ND: 2178 GL., U	JSED: 900	GL.					
06:00				ED @ 22:00 HRS							
09-21-201	0 Re	ported By	SI	EARLE							
DailyCosts	: Drilling	\$0		Con	npletion	\$29,300		Dail	y Total	\$29,300	
Cum Costs	_	\$609	9,474		npletion	\$188,500			Total	\$797,975	
MD	8,840	TVD	8,840	Progress	0	Days	6	MW	0.0	Visc	0.0
Formation	:		PBTD : 8	3795.0		Perf :			PKR Dep	oth: 0.0	
									-1		

Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	Activity Description
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06:00 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM 8772' TO 960'. EST CEMENT TOP @ 1600'.

RDWL.

	STATE OF UTAH				FORM 9		
	DIVISION OF OIL, GAS, AND M		3	5.LEASE D U-67868	DESIGNATION AND SERIAL NUMBER:		
	RY NOTICES AND REPORTS			6. IF IND	IAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.			7.UNIT or	CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well					IAME and NUMBER: TA 77-23		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000				
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		UMBER: xt		and POOL or WILDCAT: L BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2057 FSL 0619 FWL				COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 2:	TP, RANGE, MERIDIAN: 3 Township: 09.0S Range: 23.0E Meridian	n: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPORT,	OR OTHE	R DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
	☐ ACIDIZE		ALTER CASING	□ c	ASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING	□ c	HANGE WELL NAME		
	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	□ c	ONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT	□ N	EW CONSTRUCTION		
	OPERATOR CHANGE		PLUG AND ABANDON	□ Р	LUG BACK		
SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	_ ı	RECLAMATION OF WELL SITE	□ R	ECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	_ s	SIDETRACK TO REPAIR WELL	□ T	EMPORARY ABANDON		
✓ DRILLING REPORT	U TUBING REPAIR	_	VENT OR FLARE	□ w	ATER DISPOSAL		
Report Date: 10/29/2010	WATER SHUTOFF	<u></u>	SI TA STATUS EXTENSION	□ A	PD EXTENSION		
10/23/2010	☐ WILDCAT WELL DETERMINATION		OTHER	OTHER			
The referenced well attached operations	was turned to sales on Octobs summary report for drilling performed on the subject	er 29 and well	9, 2010. Please see the completion operations of the completion operations operations of the completion operations operati	ccepto Itah D , Gas a			
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBE 307 276-4842	R	TITLE Regulatory Assistant				
SIGNATURE N/A			DATE 11/3/2010				

WELL CHRONOLOGY REPORT

Report Generated On: 11-03-2010

Well Name	ECW 077-23	Well Type	DEVG	Division	DENVER				
Field	CHAPITA DEEP	API#	43-047-39516	Well Class	COMP				
County, State	UINTAH, UT	Spud Date	09-11-2010	Class Date					
Tax Credit	N	TVD / MD	8,840/ 8,840	Property #	061839				
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/0				
KB / GL Elev	5,218/5,201								
Location	Section 23, T9S, R23E, NWSW, 2057 FSL & 619 FWL								

1.0 DRILL & COMPLETE **Event No Description** Operator EOG RESOURCES, INC WI % 100.0 NRI % 87.5 AFE No 304840 **AFE Total** 1,562,900 DHC / CWC 625,800/937,100 TRUE TRUE #34 08-12-2007 Rig Contr Rig Name **Start Date Release Date** 09-15-2010 08-12-2007 SHARON CAUDILL Reported By \$0 **Daily Total** \$0 DailyCosts: Drilling Completion \$0 \$0 **Cum Costs: Drilling** \$0 Completion \$0 **Well Total** 0 0 0 0.0 0.0 MD 0 MW**TVD Progress** Days Visc **PBTD**: 0.0 PKR Depth: 0.0 Formation: Perf:

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION DATA (REV 8/17/09)

2057' FSL & 619' FWL (NW/SW)

SECTION 23, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.01983, LONG 109.301372 (NAD 27)

TRUE #34

OBJECTIVE: 8840' TD, MESAVERDE

DW/GAS

EAST CHAPITA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: FEDERAL UTU-67868

ELEVATION: 5204.1' NAT GL, 5200.7' PREP GL, (DUE TO ROUNDING THE PREP GL IS 5201'), 5220' KB (19')

EOG WI 100%, NRI 87.50%

08–17–2010 Reported By TERRY CSERE

Daily Costs: Drilling \$100,000 **Completion** \$0 **Daily Total** \$100,000

Cum Costs: Drilling	\$100,000	Completion	\$0		Well Tota	1	\$100,000	
MD 0	TVD 0 P 1	cogress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0		Perf:		P	KR Dep	th : 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descript	ion						
06:00 06:00	24.0 LOCATION START	ED 8/16/10. PUSHING	G IN ROAD.					
08-18-2010 Re	eported By TERRY	Y CSERE						
DailyCosts: Drilling	\$100,000	Completion	\$0		Daily Tota	al	\$100,000	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Tota	l	\$100,000	
MD 0	TVD 0 P 1	rogress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0		Perf:		P	KR Dep	th : 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descript	ion						
06:00 06:00	24.0 PUSHING IN ROAL	Э.						
08-19-2010 Re	eported By TERRY	Y CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	al	\$0	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Tota	1	\$100,000	
MD 0	TVD 0 P 1	rogress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0		Perf:		P	KR Dep	t h: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descript	ion						
06:00 06:00	24.0 LOCATION 10% C	OMPLETE.						
08-20-2010 Re	eported By TERRY	Y CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	al	\$0	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Tota	l	\$100,000	
MD 0	TVD 0 Pı	cogress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0		Perf:		P	KR Dep	th : 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descript	ion						
06:00 06:00	24.0 LOCATION 30% CO	OMPLETE.						
08-23-2010 Re	eported By TERRY	Y CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	al	\$0	
Cum Costs: Drilling	\$100,000	Completion	\$0		Well Tota	1	\$100,000	
MD 0	TVD 0 P 1	rogress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0		Perf:		P	KR Dep	t h: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descript	ion						
06:00 06:00	24.0 LOCATION & ROA	D IS 90% COMPLET	Е.					
08-24-2010 Re	eported By TERRY	Y CSERE/KENT DEV	ENPORT					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	al	\$0	

Cum Costs: Drilling \$100,000 \$0 **Well Total** \$100,000 Completion 60 TVD 60 MW0.0 0.0 MD **Progress Days** Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs **Activity Description** 06:00 06:00 24.0 WORKING ON CLOSED LOOP & ROAD, 95% COMPLETE. CRAIG'S ROUSTABOUT SPUD A 20" HOLE ON 8/23/10 @ 9:00 AM, SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 08/22/10 @ 9:34 AM. 08-25-2010 TERRY CSERE Reported Ry

00 25 2010	111	ported by		ERRIT CELICE							
DailyCosts: D	rilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: I	Prilling	\$100	,000	Com	pletion	\$0		Well	Total	\$100,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR De _l	oth: 0.0	

Activity at Report Time: LOCATION COMPLETE

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION COMPLETE.

09-08-2010	Re	ported By	K	YLAN COOK							
DailyCosts:	Drilling	\$218	3,237	Com	pletion	\$0		Daily	Total	\$218,237	
Cum Costs:	Drilling	\$318	3,237	Com	pletion	\$0		Well '	Fotal	\$318,237	
MD	2,354	TVD	2,354	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 9/1/2010. DRILLED 12–1/4" HOLE TO 2335' GL (2354' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 1580' THEN PUMP DRILLED TO TD WITH PARTIAL RETURNS. RAN 53 JTS (2321.38') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2340.38' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIG'S AIR RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3500 PSIG. PUMPED 176 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT WITH 0.3% VARSET, 2% CAL—SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT WITH 2% CACL2 MIXED TAIL CEMENT @ 15.6 PPG WITH YIELD OF 1.18 CF/SX. DISPLACED CEMENT WITH 176 BBLS FRESH WATER. BUMPED PLUG WITH 800# @ 07:15 AM ON 9/6/10. FLOAT HELD. SHUT—IN CASING VALVE. BROKE CIRCULATION 27 BBLS INTO LEAD CEMENT. INTERMITTENT RETURNS THROUGHOUT JOB. NO CEMENT TO SURFACE. WOC 3 HR 15 MIN.

TOP JOB #1: PUMP DOWN 200' OF 1' PIPE. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HR 30 MIN.

TOP JOB #2: MIXED & PUMPED 30 SX (6 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG #2 TOOK SURVEYS WHILE DRILLING HOLE @ 1550' = 1.00 DEGREE, AND 2000° = 1.75 DEGREE. KYLAN COOK NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 9/3/10 @ 16:00 PM.

KYLAN COOK NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING & CEMENT JOB VIA PHONE ON 9/3/10 @ 16:00 PM.

		PHO	NE ON 9/.	3/10 @ 16:00 1	PM.						
09-11-20	10 Re	eported By	D	AVID GREES	ON						
DailyCost	ts: Drilling	\$89,35	6	Co	ompletion	\$0		Dail	y Total	\$89,356	
Cum Cost	ts: Drilling	\$407,5	93	Co	ompletion	\$0		Well	Total	\$407,593	
MD	2,354	TVD	2,354	Progress	0	Days	0	MW	9.5	Visc	32.0
ormatio	n:	1	PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRLG FL	OAT EQU	IP @ 2300'							
start	End	Hrs Acti	vity Desc	cription							
06:00	22:00	(168. FUE THE HAN	22') 4.5" I L TO THE MORNIN ID LOCKI	11.6#, N–80 L ECW 77–23. IG @06:00 AN	TC PROD. C STOOD UP ID RELEASI DP AND TES	ASING, 1– (DERRICK @ ED TRUCKS TED SEAL 1	10.82') MAR 17:00 ON 9 BY 18:30 O TO 5K PSI FO	KER JT.4.5" /10/10. RW . N 9/10/10. N OR 15 MIN.	11.6#, P–110 JONES TRUC U BOP AND NOTIFIED B	S. TRANSFERF MARKER ANI KS BEGAN MO CHOKE, FMC T LM VIA EMAL 0/10.	D 2850 GI OVE IN FECH
22:00	01:30	MAN	NIFOLD,		ALVES, UPI	PER & LOWI	ER KELLY &	& INSIDE B	OP 250 LOW	S, HCR, CHOKE // 5000 PSI HI, HELD.	
01:30	02:00	0.5 TES	Γ CASINO	G TO 1500 PSI	FOR 30 MII	N. TEST HEL	LD.				
02:00	05:00			RFORD LD MA S. PU DP AND						ON OVER PROF	ER LD
05:00	05:30		QUE KEL CHINE.	LY, INSTALL	ROT. HEAD	RUBBER A	ND KELLY	DRIVE BUS	HING. RD W	EATHERFORD	LD
05:30	06:00	0.5 DRII	LL CEMEI	NT AND FLO.	AT EQUIP. <	5K WOB, 50	RPM/67 RP	M MM. 110	STK. ON #2 I	PUMP, 416 GPM	Í.
		FUL	L CREWS	S. NO ACCIDI	ENTS OR IN	CIDENTS R	EPORTED.				
		REP	AIRED FA	ST LINE SHI	VE FROM C	ROWN ON F	RIG MOVE.				
		SAF	ETY MEE	TINGS TOPIC	CS: RIG MO	VE TAILGAT	E/ TESTING	BOP.			
		FUN	CTION R	AMS, ANNUL	AR AND CI	HOKE.					
		FUE	L RECIEV	ED 4500 GL,	ON HAND	6783 GL., US	SED 282 GL.				
9–12–20	10 Re	eported By	D	AVID GREES	ON						
DailyCost	ts: Drilling	\$28,57	2	Co	ompletion	\$0		Dail	y Total	\$28,572	
Cum Cost	ts: Drilling	\$436,1	65	Co	ompletion	\$0		Well	Total	\$436,165	
MD	5,140	TVD	5,140	Progress	2,800	Days	1	MW	10.1	Visc	35.0
ormatio	n:]	PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRILLING	G @ 5,140	,							
Start	End	Hrs Acti	vity Desc	cription							
06:00	07:00	1.0 DRII	LL CEME	=	-		64' INCLUD	OING 10' OF	NEW HOLE.	5–10K WOB, 5	0 RPM/73
0= 00	07.00	0.5.5									

0.5 SHUT IN ANNULAR AND PERFORM FIT TEST@ 2340' SHOE W/ 9.6 MUD WT. TO 200 PSI = 11.2 EMW.

 $0.5\,$ PUMP HIGH–VIS. GEL SWEEP AND CIRCULATE BACK TO SURFACE @ 2364'.

07:30

08:00

07:00 07:30

08:00	10:30	2.5 DRILLING F/2364' TO 2778' (414') 166'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 15–19K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1800 PSI, DIFF 250. DRLG.: MAHOGANY SHALE BED. MUD WT. 9.6 VIS 31.
10:30	11:00	0.5 SERVICE RIG. GREASE DRAW WORKS.
11:00	11:30	0.5 SURVEY @ 2700', 1.99 DEGREES.
11:30	17:30	6.0 DRILLING F/2778' TO 3779' (1001') 167'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 15–19K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1800 PSI, DIFF 250. DRLG.: MAHOGANY OIL SHALE BED.
		MUD WT. 9.7 VIS 32.
17:30	18:00	0.5 SURVEY @ 3699', 3.07 DEGREES.
18:00	23:30	5.5 DRILLING F/3779' TO 4438' (659') 120'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1800 PSI, DIFF 250. DRLG.: MAHOGANY SHALE, WASATCH @4487'.
		MUD WT. 9.8 VIS 33.
23:30	00:00	0.5 SURVEY @ 4357', 2.79 DEGREES.
00:00	06:00	6.0 DRILLING F/4438' TO 5140' (702') 117'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1900 PSI. DRLG.: WASATCH @ 4487', CHAPITA WELLS @ 5042'. MUD WT. 10.1 VIS. 35.

FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS: FAST HOLING/USING WIRELINE SURVEYS.

FUNCTION RAMS, ANNULAR AND CHOKE. FUEL ON HAND 5586 GL., USED 1197 GL.

06:00 SPUD 7-7/8" HOLE AT 8:00 AM, 9/11/10.

09-13-2010	Re	eported By]	DAVID GREESO	N						
DailyCosts: Drilling \$33,184			184	Con	mpletion \$0 Daily Total				\$33,184		
Cum Costs:	Drilling	\$469	9,478	Con	npletion	\$0		Well	Total	\$469,478	
MD	7,130	TVD	7,130	Progress	1,990	Days	2	MW	10.9	Visc	36.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 7130'

Start	End	Hrs	Activity Description
06:00	14:30		DRILLING F/5140' TO 5970' (830) 98'FT/HR. 60 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 1900 PSI. DRLG.: CHAPITA WELLS @5042', BUCK CANYON 5,733'. MUD WT. 10.5 VIS. 35.
14:30	15:00	0.5	SERVICE RIG. FUNCTION COM DRILLING.
15:00	06:00	15.0	DRILLING F/5970' TO 7130' (1160') 77'FT/HR. 65 RPM + 73 RPM ON MOTOR. WOB 18–22K. PUMP 454 GPM @ 120 SPM #2 PUMP, SPP 2550 PSI. DRLG.: NORTH HORN 6333', PRICE RIVER 7411'.

MUD WT. 10.9 VIS. 36.

FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS TOPICS: ELECTRICAL WORK/HAND HELD GRINDERS.

FUNCTION RAMS AND COM DRILLING

FUEL ON HAND 4104 GL., USED 1482 GL.

09-14-201	0 R	eported By	D	DAVID GREESO	N						
DailyCosts	: Drilling	\$33,5	28	Con	pletion	\$6,106		Daily '	Total	\$39,634	
Cum Costs: Drilling \$503,006			006	Con	pletion	\$6,106		Well T	otal	\$509,112	
MD	8,455	TVD	8,455	Progress	1,325	Days	3	MW	11.4	Visc	38.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING@ 8455'

Start	End	Hrs	Activity Description
06:00	10:00	4.0	DRILLING F/7130' TO 7411' (281') 70'FT/HR. 52 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2650 PSI. DRLG.: PRICE RIVER 6493', MIDDLE PRICE RIVER 7411'.
			MUD WT. 11.1 VIS. 36.
10:00	10:30	0.5	SERVICE RIG. GREASE DRAW WORKS. FUNCTION COM DRILLING.
10:30	06:00	19.5	DRILLING F/7411' TO 8455' (1044') 54'FT/HR. 54 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2600 PSI. DRLG.: MIDDLE PR 7411', LOWER PR 8149'.
			MUD WT. 11.4 VIS. 38. PUMPED 3 HIGH VIS 40 BBL SWEEPS BACK TO SURFACE, SMALL AMOUNTS OF SAND AND SHALE RETURNING WITH THE SWEEP.
			FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS TOPICS: TRIP HAZARDS/MIXING CHEMICALS.
			FUNCTION ANNULAR, CHOKE AND COM DRILLING
			FUEL ON HAND 2622 GL., USED 1482 GL.

09-15-2010	Re	eported By]	DAVID GREESON	N						
DailyCosts: D	rilling	\$52,6	34	Con	pletion	\$0		Daily	Total	\$52,634	
Cum Costs: D	rilling	\$555,	640	Com	pletion	\$6,106		Well '	Total	\$561,747	
MD	8,840	TVD	8,840	Progress	385	Days	4	MW	11.6	Visc	39.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: LAYDOWN DP

Start	End	Hrs	Activity Description
06:00	10:30		DRILLING F/8455' TO 8693' (238') 53'FT/HR. 54 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2600 PSI. DRLG.: LOWER PR 8149', SEGO 8638'.
			MUD WT. 11.5 VIS. 38. PUMPED 3 HIGH VIS 40 BBL SWEEPS BACK TO SURFACE, SMALL AMOUNTS OF SAND AND SHALE RETURNING WITH THE SWEEP.
10:30	11:00	0.5	SERVICE RIG.
11:00	14:00	3.0	DRILLING F/8693' TO 8840' (147') 49'FT/HR. 50 RPM + 67 RPM ON MOTOR. WOB 18–22K. PUMP 419 GPM @ 120 SPM #1 PUMP, SPP 2600 PSI. DRLG.: LOWER PR 8149', SEGO 8638'. REACHED TD @ 14:00 HRS, 9/14/10.
			MUD WT. 11.6 VIS. 38. PUMPED 3 HIGH VIS 40 BBL SWEEPS BACK TO SURFACE, VARIOUS SIZED SHALE RETURNING WITH THE SWEEPS.
14:00	16:00	2.0	CIRCULATE TOTAL CIRCULATION BEFORE TOOH TO LAYDOWN REAMERS. PUMPED A HIGH–VIS GEL SWEEP DOWNHOLE AND BACK TO SURFACE BRINGING SMALL AMOUNT OF SAND AND SHALE. DROP SURVEY, CHECK COM TRIPPING AND PUMP DRYJOB SLUG.
16:00	20:30	4.5	TRIP OUT OF THE HOLE FOR WIPER TRIP AND TO LD ROLLER REAMERS. WORK TIGHT HOLE AT 5187' AND 3204'.
20:30	00:00	3.5	TRIP IN THE HOLE WITH NO PROBLEMS. HOLE SHOWS PROPER DISPLACEMENT. KELLY UP AT 3604 ' AND 6587 '.
00:00	01:00	1.0	WASH AND REAM 33' TO BOTTOM.
01:00	02:30	1.5	CIRCULATE BEFORE TOOH TO LD DP AND BHA. PUMPED HIGH–VIS SWEEP TO SURFACE, LITTLE SOLIDS RETURNING. RU WEATHERFORD LD MACHINE AND HELD SAFETY MEETING OVER LD DP W/ ALL ON LOCATION. CASING POINT @ $02:30$ ON $9/15/10$.
02:30	06:00	3.5	LD DRILL PIPE WITH WEATHERFORD LD MACHINE.
			FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS TOPICS: WORK TIGHT HOLE/ LD DP.
			FUNCTION COM DRILLING AND TRIPPING.

FUEL RECEIVED: 1500 GL. ON HAND: 3078 GL., USED: 1044 GL.

						: 30/8 GL., USEI	J. 1044 C	JL.			
09-16-20	10 Re	ported By	D.	AVID GREESO	N						
DailyCost	s: Drilling	\$53,83	4	Con	pletion	\$153,093		Dail	y Total	\$206,927	
Cum Cost	s: Drilling	\$609,4	74	Con	pletion	\$159,200		Wel	l Total	\$768,675	
MD	8,840	TVD	8,840	Progress	0	Days	5	MW	11.6	Visc	38.0
Formation	ı:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity at	t Report Ti	me: RDRT/WO	O COMPLI	ETION							
Start	End	Hrs Acti	ivity Desc	cription							
06:00	08:30	2.5 LD I	ORILL PIP	E AND BHA. B	ROKE KE	LLY.					
08:30	09:00	0.5 PUL	L WEAR I	RING AND RU	WEATHER	RFORD CASERS					
09:00	14:30					WS & WEATHEI G & LANDED @			EW. R/U CAS	ERS & RAN T	OTAL OF
		ASS HAN JTS	EMBLY @ NGER W/ 2 2 & 3. RAI	9 8794.7' 206 JT 2 PUP JT (11.11' N 25 CENTRAL	S PLUS 2) & (21.80 IZERS ST	HOE @ 8838.8', MKR. JTS (21.2'). RAN 3 TURE ARTING ON JT : 'ASING W/ 8500	7') BOTT BULIZER #4 AND 1	TOM @ 6502 RS, 1 – 5' AE EACH 3RD	2' & TOP (19 BOVE SHOE 1	.72') @ 4074', EACH IN MID	DLE OF
14:30	15:30	1.0 CIRC	CULATE E	BOTTOMS UP A	NDE RU I	HALLIBURTON	. HELD S	SAFETY ME	EETING WITH	I ALL PRESEN	T.
15:30	19:00	BBL		VATER, 122.8. B		O 5000 PSI & CE SKS) HIGHBON					
		WAT WAT (410 HOU	TER. WAS TER @ 7.0 0 PSI) 5 M JRS. PLU	H PUMP & LIN BPM AVERAGI IIN. RELEASED	ES, LOAD E, BUMP I PRESSUI	CEM V1 TAIL (0 & DROPPED T PLUG W/1500 PS RE, FLOW BACI 0/15 /2010. FULI	OP PLUG SI OVER K 2 BBI	G ONLY. D FCP OF 200 LS. RE PRES	ISPLACED W 00 PSI @ 2 BP SSURED UP T	ITH 136.6 BBI M. HELD PRE O 2400 PSI FO	LS FRESH SSURE R 1
19:00	20:00	1.0 WAI	T ON CEN	MENT. HOLD 20	000 PSI ON	N HEAD FOR ON	NE HOUI	R.			
20:00	22:00			*		K OFF RING WI			ST TO 5K PSI	FOR 15 MIN.	
22:00	06:00					N 9/16/10. DERR HE HOSS 129–3			VER BY 20:0	0 9/15/10. MO	VING
		FUL	L CREWS	S. NO ACCIDEN	ITS OR IN	CIDENTS REPO	RTED.				
		SAF	ETY MEE	TINGS TOPICS	: RUN CA	SING/CEMENT					
		FUN	ICTION CO	OM DRILLING	AND TRII	PPING.					
		FUE	L ON HA	ND: 2178 GL., U	ISED: 900	GL.					
06:00				ED @ 22:00 HRS							
09-21-20	10 Re	ported By		EARLE							
DailyCosts		\$0		Con	pletion	\$29,300		Dail	y Total	\$29,300	
	s: Drilling	\$609,4	74		pletion	\$188,500			l Total	\$797,975	
MD	8,840	TVD	8,840	Progress	0	Days	6	MW	0.0	Visc	0.0
										V ISC	0.0

Activity at Report Time: PREP FOR FRACS

Start End Hrs Activity Description

06:00 06:00 24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM 8772' TO 960'. EST CEMENT TOP @ 1600'.

RDWL.

10-07-2010 **MCCURDY** Reported By \$0 \$1,448 \$1,448 DailyCosts: Drilling Completion **Daily Total** \$609,474 \$189,948 Well Total \$799,423 **Cum Costs: Drilling** Completion 0 0.0 MD 8,840 8,840 7 MW0.0 **TVD Progress Days** Visc Formation: **PBTD**: 8795.0 Perf: PKR Depth: 0.0

Activity at Report Time: WO COMPLETION

Start End Hrs Activity Description

06:00 06:00 24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

MCCURDY 10-24-2010 Reported By DailyCosts: Drilling \$0 Completion \$1,388 **Daily Total** \$1,388 \$800,811 **Cum Costs: Drilling** \$609,474 Completion \$191,336 **Well Total** 8,840 **TVD** 8,840 MW 0.0 0.0 MD **Progress** Davs Visc Formation: MESAVERDE **PBTD:** 8795.0 Perf: 6630'-8536' PKR Depth: 0.0

Activity at Report Time: FRAC STAGES 8 THROUGH 11

Start End Hrs Activity Description

06:00 06:00 24.0 FRAC TANKS PRE MIXED W/ BIOCIDE (75) @ .05 GAL/M, WSI SCALE INHIBITOR (3730) @ 1 GAL/M.

STAGE 1. MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 8212'-13', 8220'-21', 8227'-28', 8233'-34', 8250'-51', 8264'-65', 8366'-67', 8397'-98', 8418'-19', 8426'-27', 8464'-65', 8470'-71', 8515'-16', 8535'-36'@ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/7449 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 41958 GAL 16# DELTA 200 W/142900# 20/40 SAND @ 2-5 PPG. MTP 5920 PSIG. MTR 50.7 BPM. ATP 4503 PSIG. ATR 49.1 BPM. ISIP 2952 PSIG. RD HALLIBURTON.

STAGE 2. RUWL. SET 6K CFP AT 8175'. PERFORATE MPR FROM 7933'-34', 7935'-36', 7974'-75', 7984'-85', 8007'-08', 8019'-20', 8051'-62', 8059'-60', 8064'-65', 8073'-74', 8082'-83', 8123'-24', 8149'-50', 8156'-57'@ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 45629 GAL 16# DELTA 200 W/143100# 20/40 SAND @ 1–5 PPG. MTP 6327 PSIG. MTR 50.5 BPM. ATP 5530 PSIG. ATR 44 BPM. ISIP 3229 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 7918'. PERFORATE MPR FROM 7674'-75', 7680'-81', 7727'-28', 7736'-37', 7745'-46', 7753'-54', 7766'-67', 7841'-42', 7845'-46', 7865'-66', 7871'-72', 7875'-76', 7891'-92', 7894'-95' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 37992 GAL 16# DELTA 200 W/114600# 20/40 SAND @ 1-5 PPG. MTP 6147 PSIG. MTR 50.6 BPM. ATP 5562 PSIG. ATR 45.4 BPM. ISIP 3010 PSIG. RD HALLIBURTON.

STAGE 4. RUWL. SET 6K CFP AT 7630'. PERFORATE MPR FROM 7435'-36', 7443'-44', 7452'-53', 7461'-62', 7480'-81', 7495'-96', 7504'-05', 7514'-15', 7531'-32', 7548'-49', 7568'-69', 7584'-85', 7602'-03', 7610'-11'@ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7411 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 57981 GAL 16# DELTA 200 W/203900# 20/40 SAND @ 2-5 PPG. MTP 4805 PSIG. MTR 50.7 BPM. ATP 3474 PSIG. ATR 50 BPM. ISIP 2126 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 7194'. PERFORATE UPR/MPR FROM 7194'-95', 7200'-01', 7209'-10', 7250'-51', 7258'-59', 7277'-78', 7283'-84', 7292'-93', 7306'-07', 7319'-20', 7327'-28', 7332'-33', 7376'-77', 7387'-88' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7436 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 42118 GAL 16# DELTA 200 W/147700# 20/40 SAND @ 2-5 PPG. MTP 5336 PSIG. MTR 50.7 BPM. ATP 3631 PSIG. ATR 49.9 BPM. ISIP 1850 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7175'. PERFORATE UPR FROM 6907'-08', 6931'-32', 6982'-83', 7011'-12', 7026'-27', 7031'-32', 7036'-37', 7048'-49', 7055'-56', 7120'-21', 7130'-31', 7141'-42', 7149'-50', 7155'-56'@ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7404 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 29655 GAL 16# DELTA 200 W/102000# 20/40 SAND @ 2-5 PPG. MTP 5700 PSIG. MTR 50.7 BPM. ATP 3402 PSIG. ATR 50 BPM. ISIP 1901 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 6866'. PERFORATE UPR FROM 6630'-31', 6642'-43', 6665'-66', 6672'-73', 6677'-78', 6743'-44', 6748'-49', 6774'-75', 6783'-84', 6790'-91', 6800'-01', 6806'-07', 6813'-14', 6846'-47' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7398 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 34055 GAL 16# DELTA 200 W/118800# 20/40 SAND @ 2-5 PPG. MTP 4698 PSIG. MTR 50.3 BPM. ATP 3440 PSIG. ATR 49.4 BPM. ISIP 2033 PSIG. RD HALLIBURTON. SWIFN.

10-25-2010	Re	eported By	, M	CCURDY							
DailyCosts: Drilling \$0				Con	\$393,869		Daily	Total	\$393,869		
Cum Costs: D	rilling	\$60	9,474	Con	pletion	\$585,205		Well 7	Fotal	\$1,194,680	
MD	8,840	TVD	8,840	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD				795.0	Perf : 5031'-	8536'	PKR Depth : 0.0				

Activity at Report Time: PREP TO MIRUSU FOR POST FRAC CLEAN OUT

Start End Hrs Activity Description

06:00 06:00

24.0 STAGE 8. SICP 1210 PSIG. RUWL. SET 6K CFP AT 6480'. PERFORATE Ba/NH FROM 6270'-71', 6275'-76', 6297'-98', 6322'-23', 6332'-33', 6339'-40', 6345'-46', 6403'-04', 6412'-13', 6419'-20', 6427'-28', 6435'-36', 6448'-49', 6455'-56' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7410 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 36567 GAL 16# DELTA 200 W/127900# 20/40 SAND @ 2-5 PPG. MTP 4500 PSIG. MTR 52.1 BPM. ATP 3519 PSIG. ATR 49.4 BPM. ISIP 2120 PSIG. RD HALLIBURTON.

STAGE 9. RUWL. SET 6K CFP AT 6236'. PERFORATE Ba FROM 5854'-55', 5858'-59', 5887'-88', 5901'-02', 5967'-68', 5980'-81', 5983'-84', 6003'-04', 6026'-27', 6043'-44', 6172'-73', 6202'-03', 6208'-09', 6216'-17' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 6401 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 32688 GAL 16# DELTA 200 W/110600# 20/40 SAND @ 2-4 PPG. MTP 5988 PSIG. MTR 51.3 BPM. ATP 4463 PSIG. ATR 47 BPM. ISIP 1905 PSIG. RD HALLIBURTON.

STAGE 10. RUWL. SET 6K CFP AT 5830'. PERFORATE Ca FROM 5264'-65', 5272'-73', 5292'-93', 5300'-01', 5306'-07', 5459'-60', 5466'-67', 5479'-80', 5488'-89', 5498'-99', 5611'-12', 5676'-77', 5780'-81', 5807'-08' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 6403 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 26055 GAL 16# DELTA 200 W/87400# 20/40 SAND @ 2-4 PPG. MTP 4410 PSIG. MTR 51.9 BPM. ATP 3341 PSIG. ATR 50.8 BPM. ISIP 1665 PSIG. RD HALLIBURTON.

STAGE 11. RUWL. SET 6K CFP AT 5222'. PERFORATE Pp/Ca FROM 5031'-32', 5035'-36', 5040'-41', 5051'-52', 5055'-56', 5065'-66', 5081'-82', 5085'-86', 5091'-92', 5095'-96', 5099'-100', 5105'-06', 5172'-73', 5200'-01' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/23101 GAL 16# DELTA 200 W/88700# 20/40 SAND @ 3-4 PPG. MTP 3740 PSIG. MTR 50.9 BPM. ATP 2840 PSIG. ATR 49.6 BPM. ISIP 2193 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 4950'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

10-29-2010 Reported By HISLOP

Daily Costs: Drilling \$0 **Completion** \$37,915 **Daily Total** \$37,915

Page 9

Cum Costs: Drilling \$609,474 Completion \$623,120 **Well Total** \$1,232,595 MD 8,840 8,840 10 MW0.0 0.0 **TVD Progress** Visc Days **Formation:** MESAVERDE **PBTD**: 8795.0 Perf: 5031'-8536' PKR Depth: 0.0 Activity at Report Time: POST FRAC CLEAN OUT Start End Hrs **Activity Description** 06:00 06:00 24.0 MIRUSU. ND FRAC TREE & NU BOP. PRESSURE TESTED BOP & BLIND RAMS TO 3000 PSIG. RIH W/ BIT & PUMP OFF SUB TO 4950'. RU TO DRILL OUT PLUGS. TESTED PIPE RAMS TO 3000 PSIG. SDFN. 10-30-2010 Reported By HISLOP \$0 \$70,081 **Daily Total** \$70,081 DailyCosts: Drilling Completion **Cum Costs: Drilling** \$609,474 Completion \$693,201 Well Total \$1,302,676 8,840 0 0.0 0.0 MD **TVD** 8,840 **Progress** Days MWVisc Perf: 5031'-8536' PKR Depth: 0.0 **Formation:** MESAVERDE **PBTD**: 8795.0 **Activity at Report Time: FLOW TEST TO SALES** Start End Hrs **Activity Description** 06:00 06:00 24.0 SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 4950', 5222', 5830', 6236', 6480', 6866', 7175', 7414', 7630', 7919', & 8175'. CLEANED OUT TO 8640'. LANDED TUBING @ 8536' KB. ND BOP & NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED THROUGH TEST UNIT TO SALES. 13 HRS. 24/64" CHOKE. FTP 1000 PSIG. CP 1700 PSIG. 70 BFPH. RECOVERED 976 BLW. 11624 BLWTR. 425 MCFD RATE. TUBING DETAIL LENGTH PUMP OFF BIT SUB .91' 1 JT 2-3/8" 4.7# N-80 TBG 31.40' XN NIPPLE 1.30' 269 JTS 2-3/8" 4.7# N-80 TBG 8483.70' BELOW KB 19.00' LANDED @ 8536.31' KB HISLOP 10-31-2010 Reported By DailyCosts: Drilling \$0 Completion \$2,870 **Daily Total** \$2,870 \$696,071 \$1,305,546 **Cum Costs: Drilling** \$609,474 Completion **Well Total** 8,840 **TVD** 8,840 12 0.0 0.0 MD **Progress** Days MWVisc **Formation:** MESAVERDE **PBTD**: 8795.0 Perf: 5031'-8536' PKR Depth: 0.0 Activity at Report Time: FLOW TESTING THROUGH BRECO UNIT TO SALES **Activity Description** Start End Hrs 24.0 FLOWED THROUGH TEST UNIT TO SALES, 24 HRS, 24/64" CHOKE, FTP 1025 PSIG, CP 1850 PSIG, 57 BFPH. 06:00 06:00 RECOVERED 1411 BLW. 10213 BLWTR. 536 MCFD RATE. HISLOP 11-01-2010 Reported By DailyCosts: Drilling \$0 Completion \$2,870 **Daily Total** \$2,870 \$609,474 \$698,941 \$1,308,416 **Cum Costs: Drilling** Completion Well Total MD 8,840 **TVD** 8,840 13 MW0.0 Visc 0.0 **Progress Davs** Formation: MESAVERDE **PBTD**: 8795.0 Perf: 5031'-8536' PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Descripti

06:00 06:00 24.0 FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 975 PSIG. CP 1900 PSIG. 49 BFPH.

RECOVERED 1261 BLW. 8952 BLWTR. 680 MCFD RATE.

06:00 INITIAL PRODUCTION: TURNED TO GAS SALES. SITP 1000 & SICP 1200 PSIG. TURNED WELL TO QUESTAR SALES AT 3:15 PM, 10/29/10. FLOWING 330 MCFD RATE ON 24/64" POS CK. STATIC 198. QGM METER #8576.

11-02-2010	Reporte	ed By	HISLOP							
DailyCosts: Dri	lling	\$0		Completion	\$7,510		Daily	Total	\$7,510	
Cum Costs: Drilling		\$609,474	4 Comple		\$706,451		Well	Fotal	\$1,315,926	
MD 8,	840 TVI	8,84	0 Progr	ess 0	Days	14	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD			: 8795.0		Perf : 5031'-	8536'	PKR Depth: 0.0			

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Description

 $06:00 \qquad \qquad 24.0 \ \ \text{FLOWED THROUGH TEST UNIT TO SALES}. \ 24 \ \text{HRS}. \ 24/64" \ \text{CHOKE}. \ \text{FTP 900 PSIG}. \ \text{CP 1800 PSIG}. \ 45 \ \text{BFPH}.$

RECOVERED 1112 BLW. 7840 BLWTR. 730 MCFD RATE.

11-03-2010	Repor	ted By	HISLOP							
DailyCosts: Dr	illing	\$0		Completion	\$2,870		Daily	Total	\$2,870	
Cum Costs: Drilling \$609		\$609,474		Completion	\$709,321	Well Total			\$1,318,796	
MD 8	3,840 T	V D 8,8	340 Prog	gress 0	Days	15	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD			D : 8795.0		Perf : 5031'-	8536'	PKR Depth : 0.0			

Activity at Report Time: FLOW TESTING THROUGH BRECO UNIT TO SALES

	Start	End	Hrs	Activity Description
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06:00 06:00 24.0 FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 850 PSIG. CP 1775 PSIG. 42 BFPH.

RECOVERED 1008 BLW. 6832 BLWTR. 735 MCFD RATE.



UNITED STATES

FORM APPROVED

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT												OMB No. 1004-0137 Expires: July 31, 2010			
	WELL	COMPL	ETION (OR RE	COM	IPLETI	ON R	EPORT	AND L	.OG			ease Serial N ITU67868	lo.	·····
1a. Type o	f Well	Oil Well	☑ Gas	Well	☐ Dr	у 🛭	Other					6. If	Indian, Allo	ttee or	Tribe Name
b. Type o	f Completion		lew Well er	☐ Wor	k Over	r 🗖 I	Deepen	☐ Plu	g Back	☐ Diff.	Resvr.	7. U	nit or CA Ag	greeme	ent Name and No.
2. Name of EOG F	f Operator RESOURCE							LE E RO	BLES SOURCE	S.COM			ease Name a		
3. Address	1060 EAS VERNAL,		VAY 40				3a.		o. (include		e)		PI Well No.		43-047-39516
4. Location	n of Well (Re	port locati	on clearly a	nd in acc	ordanc	e with Fe	deral rec	quirements	s)*				rield and Po		
At surfa	ace NWSV	V 2057FS	L 619FWL	40.0198	33 N L	at, 109.3	30137 V	V Lon					ATURAL B Sec., T., R., I		Block and Survey
At top 1	orod interval	reported be	elow NW	SW 205	7FSL	619FWL	40.019	83 N Lat	, 109.3013	37 W Lo	n	0	r Area Sec County or Pa	23 T9	9S R23E Mer SLB
		SW 2057	'FSL 619F\				9.3013	7 W Lon				<u> </u>	INTÁH		UT
14. Date Spudded 08/23/2010 15. Date T.D. Reached 09/14/2010 16. Date Completed □ D & A □ Ready to Prod. 10/29/2010									Prod.	17. Elevations (DF, KB, RT, GL)* 5204 GL					
18. Total I		MD TVD	8840			lug Back		MD TVD	879	95	20. De	pth Bri	dge Plug Set		MD IVD
RST/C	Electric & Oth BL/CCL/VD	L/GR				y of each)			Wa	s well core s DST run ectional Su	?	🔯 No 📋	🕽 Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	set in we	Ť	Bottom	Stage	Cementer	No of	f Sks. &	Charm	y Vol.	-		
Hole Size	Size/G		Wt. (#/ft.)	(MD)	(MD)	ľ	Depth		f Cement	ment (BBL		BL) Cement Top*		Amount Pulled
12.250 7.875		625 J55 500 N80	36.0 11.6		0	234 883			-		680 1630				
7.070	7	300 NO0			┪	000	1			100	50			0	
					_										
24. Tubing	Record	L					1.								
	Depth Set (M	(D) Pa	cker Depth	(MD)	Size	Det	oth Set (1	MD) F	acker Dep	th (MD)	Size	De	pth Set (MD	n 1	Packer Depth (MD)
2.375	·	8536		\/						(2,122)	3.55	1 ~~~	p.11 500 (1125	7	dener Depar (IIID)
25. Produci	ng Intervals					20	6. Perfor	ation Reco	ord	5 0?	1				
	ormation		Top		Botto		I	Perforated			Size	<u>ı</u>	lo. Holes		Perf. Status
	CH/MESAVE	RDE		5031		8536			8212 TO			-	2		
B) C)									7933 TO				2		
D)			· · · · · · · · · · · · · · · · · · ·				 		7435 TO				2		
	racture, Treat	ment, Cen	nent Squeeze	e, Etc.					7400 10	270111	•				***
	Depth Interva	ıl						A:	mount and	Type of	Material				
·····	82	12 TO 85	36 49,407	GALS GE	LLED	WATER 8	152,500	0# 20/40 S	AND						
	79	33 TO 81	57 45,629	GALS GE	LLED.	WATER 8	143,100	0# 20/40 S	AND						
			95 37,992												
28 Product	74 ion - Interval		65,392	GALS GE	LLED	WATER 8	213,400	0# 20/40 S	AND		······································				
Date First	Test	Hours	Test	Oil	Ga	s	Water	Oil G	avity	Gas		Producti	on Method		·
Produced	Date	Tested	Production	BBL	М	CF	BBL	Corr.		Grav	ity	Troducti			
10/29/2010 Choke	11/16/2010 Tbg. Press.	24 Csg.	24 Hr.	33.0 Oil	Gas	834.0	434.0 Water			37-21	Status	L	FLOW	S FRO	M WELL
Size	Flwg. 675	Press.	Rate	BBL	MC	CF .	BBL	Gas:O Ratio	м	weii					
24/64	SI	1300.0		33		834	434				PGW				
28a. Produc	tion - Interva	I B Hours	Test	Oil	Gas	,	Water	Oil Gr	avity	Gas		Drod-or'	on Method		
Produced	Date	Tested	Production	BBL	MC		BBL	Corr.		Grav	ity	rioducti	on Menion		

24 Hr. Rate

Oil BBL

Tbg. Press. Flwg.

Choke Size

Gas:Oil Ratio

Water BBL

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #97990 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** DEC 0 1 2010

Well Status

RECEIVED

001 D 1	· + ·	1.0									·	
	uction - Interv			T	1		· · · · · · · · · · · · · · · · · · ·			·		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status			
28c Produ	iction - Interv	al D		<u>L</u>	<u> </u>	<u> </u>			L		Barrens -	
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status	-		
29. Dispos SOLD	sition of Gas(Sold, used j	for fuel, vent	ed, etc.)								
30. Summ	ary of Porous	Zones (Inc	lude Aquife	rs):			 		31.	Formation (Log) Ma	irkers	
tests, i	all important and all importan	zones of po h interval t	rosity and coested, cushio	ontents there on used, time	eof: Corec e tool ope	l intervals an n, flowing an	d all drill-stem d shut-in presso	ures				
	Formation		Тор	Bottom		Descript	ions, Contents,	etc.		Name		Top
WASATCH	H/MESAVER	DE	5031	8536	<u></u>					GREEN RIVER BIRDS NEST		Meas. Depth 1371 1673
								MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER				
32. Additio	onal remarks	include pl	ngging proce	dure):								
PLEA:	SE SEE THE	E ATTACH	IED FOR A	DDITIONA	L PERFS	S AND TRE	ATMENTS.					
33. Circle	enclosed attac	hments:										
	1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:										al Survey	
34. I hereb	y certify that	the foregoi				-	orrect as determ			ble records (see atta	ched instruction	ns):
			Electi				5, INC., sent to			System.		
Name ((please print)	MICHELL	E E ROBLE	ES	····		Title	REGUI	LATORY A	ASSISTANT		
Signati	ire	(Electroni	c Submissio	on)	Nic.	h . 11	Date	11/23/2	2010 Ì			
Title 18 U.	S.C. Section	1001 and T	itle 43 U.S.C	C. Section 12	212, make	it a crime fo	r any person kn as to any matte	nowingly	and willfu	to make to any de	epartment or ag	gency
or one our	ou builts ally	14100, 110111	ious oi iiaul	mont statelik	we or reb	a coemations	as to any matte	ı wımını	us jui isaict	юц.		

East Chapita Well 77-23 ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

7194-7388	2/spf
6907-7156	2/spf
6630-6847	2/spf
6270-6456	2/spf
5854-6217	2/spf
5264-5808	2/spf
5031-5201	2/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7194-7388	49,554 GALS GELLED WATER & 157,300# 20/40 SAND
6907-7156	37,059 GALS GELLED WATER & 111,500# 20/40 SAND
6630-6847	41,453 GALS GELLED WATER & 128,300# 20/40 SAND
6270-6456	43,977 GALS GELLED WATER & 137,400# 20/40 SAND
5854-6217	39,089 GALS GELLED WATER & 118,600# 20/40 SAND
5264-5808	32,458 GALS GELLED WATER & 95,400# 20/40 SAND
5031-5201	23,101 GALS GELLED WATER & 88,700# 20/40 SAND

PERFORATE LOWER PRICE RIVER FROM 8212'-13', 8220'-21', 8227'-28', 8233'-34', 8250'-51', 8264'-65', 8366'-67', 8397'-98', 8418'-19', 8426'-27', 8464'-65', 8470'-71', 8515'-16', 8535'-36'@ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7933'-34', 7935'-36', 7974'-75', 7984'-85', 8007'-08', 8019'-20', 8051'-62', 8059'-60', 8064'-65', 8073'-74', 8082'-83', 8123'-24', 8149'-50', 8156'-57'@ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7674'-75', 7680'-81', 7727'-28', 7736'-37', 7745'-46', 7753'-54', 7766'-67', 7841'-42', 7845'-46', 7865'-66', 7871'-72', 7875'-76', 7891'-92', 7894'-95'@ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7435'-36', 7443'-44', 7452'-53', 7461'-62', 7480'-81', 7495'-96', 7504'-05', 7514'-15', 7531'-32', 7548'-49', 7568'-69', 7584'-85', 7602'-03', 7610'-11'@ 2 SPF.

PERFORATE UPPER PRICE RIVER/MIDDLE PRICE RIVER FROM 7194'-95', 7200'-01', 7209'-10', 7250'-51', 7258'-59', 7277'-78', 7283'-84', 7292'-93', 7306'-07', 7319'-20', 7327'-28', 7332'-33', 7376'-77', 7387'-88'@, 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 6907'-08', 6931'-32', 6982'-83', 7011'-12', 7026'-27', 7031'-32', 7036'-37', 7048'-49', 7055'-56', 7120'-21', 7130'-31', 7141'-42', 7149'-50', 7155'-56'@ 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 6630'-31', 6642'-43', 6665'-66', 6672'-73', 6677'-78', 6743'-44', 6748'-49', 6774'-75', 6783'-84', 6790'-91', 6800'-01', 6806'-07', 6813'-14', 6846'-47'@, 2 SPF.

PERFORATE Ba/NH FROM 6270'-71', 6275'-76', 6297'-98', 6322'-23', 6332'-33', 6339'-40', 6345'-46', 6403'-04', 6412'-13', 6419'-20', 6427'-28', 6435'-36', 6448'-49', 6455'-56' @ 2 SPF.

PERFORATE Ba FROM 5854'-55', 5858'-59', 5887'-88', 5901'-02', 5967'-68', 5980'-81', 5983'-84', 6003'-04', 6026'-27', 6043'-44', 6172'-73', 6202'-03', 6208'-09', 6216'-17' @ 2 SPF.

PERFORATE Ca FROM 5264'-65', 5272'-73', 5292'-93', 5300'-01', 5306'-07', 5459'-60', 5466'-67', 5479'-80', 5488'-89', 5498'-99', 5611'-12', 5676'-77', 5780'-81', 5807'-08' @ 2 SPF.

PERFORATE Pp/Ca FROM 5031'-32', 5035'-36', 5040'-41', 5051'-52', 5055'-56', 5065'-66', 5081'-82', 5085'-86', 5091'-92', 5095'-96', 5099'-100', 5105'-06', 5172'-73', 5200'-01' @ 2 SPF.

52.FORMATION MARKERS

Middle Price River	7258
Lower Price River	8068
Sego	8633

Sundry Number: 15245 API Well Number: 43047395160000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			FORM 9
			5.LEASE DESIGNATION AND SERIAL NUMBER: U-67868
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: E CHAPITA 77-23
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047395160000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202 PHONE NUMBER: 435 781-9111 Ext			9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2057 FSL 0619 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 23 Township: 09.0S Range: 23.0E Meridian: S			COUNTY: UINTAH
			STATE: UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/30/2011	ACIDIZE	ALTER CASING	CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER: Install H2S treater
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. requests authorization to install an H2S treater tower on the above referenced well pad. The proposed tower will be installed on existing disturbance; no new disturbance will be required. Attached is a diagram showing general placement of the facilities. Accepted by the Utah Division of Oil, Gas and Mining Date: 05/23/2011 By:			
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Mary Maestas	303 824-5526	Regulatory Assistant	
SIGNATURE N/A		DATE 5/23/2011	

